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No.

THOS. DUCHE MITCHELL, M. D.

The soil of liberty is congenial to the growth of science

73667



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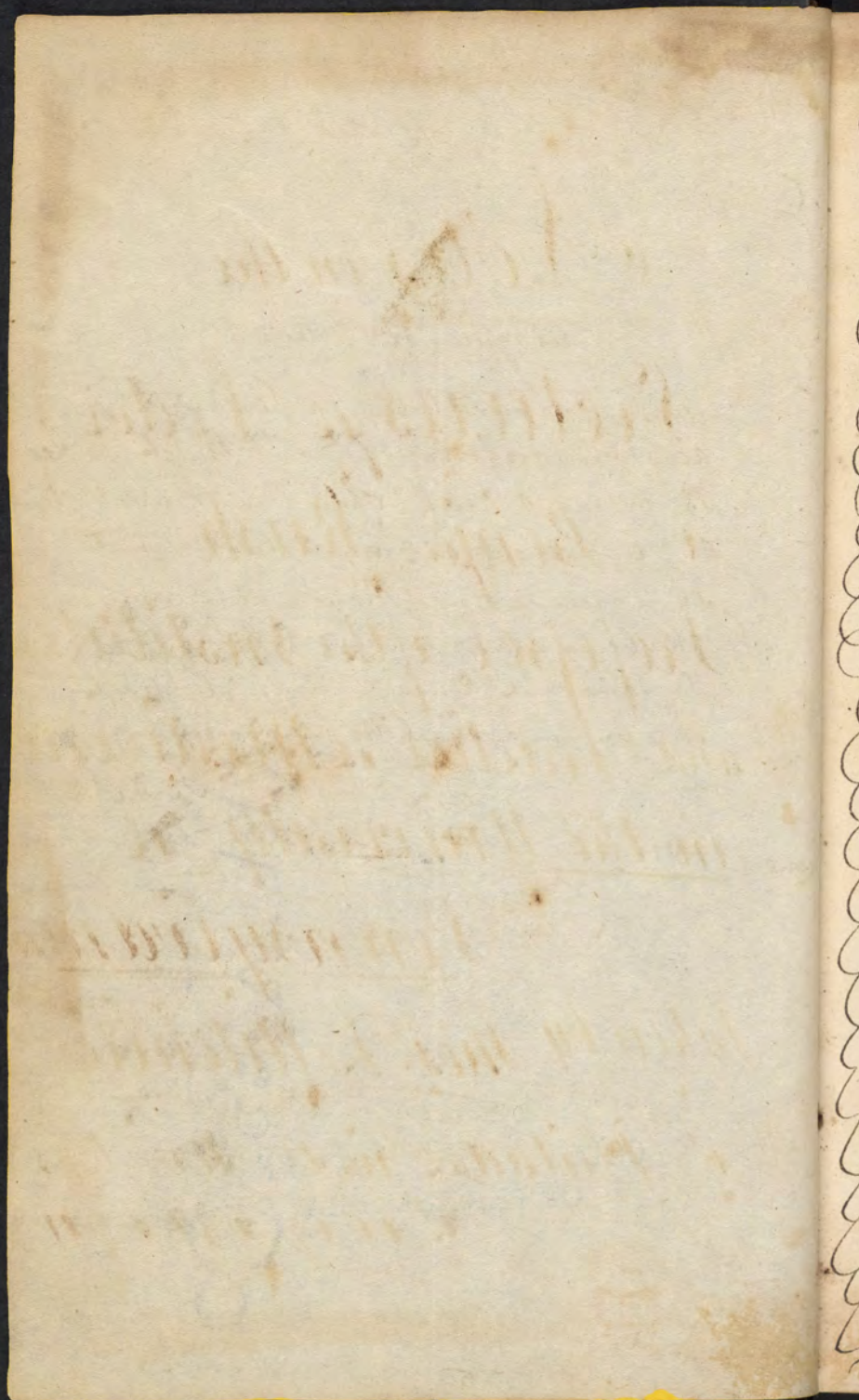
Eulogium on Dr. Rush

While Empires totter and in ruin lie,
and monarchs fall and with kingdoms die,
Thy name, O Rush! shall have renown of times
and live revered in every distant clime —
shall cheer the sons of science on their way,
and beam around them with the light of day,
Thy fame shall burn when dazzling lights expire,
and unborn ages feel the glowing fire —

J. D. M.

June 1st 1811

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Notes on the
Lectures of Doctor
Benjn. Rush -
Professor of the Institutes
and Practice of Medicine
in the University of
Pennsylvania
taken by Thos. D. Mitchell
of Philada. in the Winters
of 1809-10 & 1810-11

1800

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Eulogy on Rush

Soft ye Zephyrs, gently blow,
Your ambrosial fragrance, breathe,
While around the Sage's brow,
I entwine fair glory's wreath.
Help my muse to swell his praise,
Far and wide, to lands unknown,
Chant his worth in sweetest lays
Raise him high to honors throne.

Dele

T D MITCHELL.

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The Practice of Medicine
continued

The Eruptive State of Fever

1st of Small Pox - this is most commonly a malignant or Synocha Fever - here bloodletting is proper - but when forbidden by the state of the pulse, give strong Emetic - I have saved many lives by this remedy - I have given 20 gr. of Calomel and 2 grs of Tart. Emetic at once - Cool a cold air should be used according to the form of the fever - Bleeding should be used at the height of the disease - the blood is sizzy - Angina and Pneumonia are likely to follow at this time - now the bowels should be well opened - The matter should be liberated from the pores when from their great number, danger is apprehended - This disease has been somewhat prevented by vaccination - this may be performed in all ages and at all times - It cannot be communicated,

+ but where the vaccination succeeds it cures the Nch - Rubbing the arm a little, after inserting the matter is useful -

+ when from a pustule it should be in a fluid state - it should be taken in most cases ^{or before} on the 4th day -

o the matter may be taken on thread or glass, - when two glasses are used do not place one on the other till the watery parts are evaporated -

I use a lancet with a part of one of the tortoise handles cut off a $\frac{1}{4}$ of an inch - the matter lies on the lancet and dries - when used moisten it a little with water -

the pustule generally appears on the 8th day - it may appear much later - even 1 year after.

When the temperature of the air is at or below 90° it may be communicated to persons labouring under different diseases, except Psora, which is said to prevent its infection. It succeeds in persons affected with scrophula - Vaccination is said to arrest or destroy some diseases - I believe from experience that it has destroyed Hooping Cough - The matter may be taken from a pustule or from a scab - the matter is contained in cells and requires to be punctured in several places - the matter in the variolous pustule is contained in one cell only -

An early inflammation and scab, a small areola, a small pustule, indicate a local disease - much itching, a wide spreading sore and eruptions over the body indicate a spurious disease - the vaccine pustule is always depressed in the Centre - a crust appears earlier in vaccine than in variolous disease pustule -

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Measles - For an account of them I refer you to books - From what you have heard of the ¹²primary forms of fever, you cannot fail of knowing how to cure this disease - The pulse is synochus, Synochula, Typhus & Typhoid - Dr Willan mentions a case in which measles were taken twice - perhaps he overlooked the circumstance of spurious measles - He has seen it terminate without the existence of Catarrh - It is said that the small pox and measles occur at the same time in the same person in some cases, but one eruption must succeed the other - I would as soon believe that a horse could trot and pace at once, as believe that the vesicles could be affected by both diseases at one and the same time - Measles are often followed by Cough and Diarrhea - Both these are cured by Bloodletting and the other remedies for these diseases -

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+ or why either of them has
been taken twice —

+ lenient prurges — blister —

+ ~~it is very apt to recur after~~

+ ~~It appeared now and then only~~
among the natives

No satisfactory reason has been ⁷
given why small pox and measles
+ are taken but once - Sea sickness
is on a footing with these, it seldom
attacks more than once -

The remedies for measles should be
adapted to the state of the pulse
and lungs - demulcents, opiates &c
+ are used - bleeding from 10 to 60 ℥s
if a cough succeed use bleeding when
the pulse is active - this was Dr
Sydenham's remedy in *Dianthaea* ^{or measles}
Erysipelatous State of Fever -

This is called St. Anthony's fire - it
belongs alike to adults and to
+ children - Dr Underwood treats of it -
it is very apt to recur to persons
who have once had it - poisonous
substances have produced this disease -
it affects the breast, face, limbs &c -
It is often the precursor of puerile
diseases - Dr Chisholm says it was so
+ in the Yellow Fever of St. Croix -
It now and then ends in death
by being translated to the brain -

+ all oil & saturnine substances
are injurious

+ large eruptions & strokes
like those from a whip -
it seldom lasts long -

The remedies for it are Copious blood-
letting when indicated by the pulse -
Purges - Blisters to the inflamed
parts - if gangrene has commenced,
+ give wine, Bark &c. cool air is good
also cool flour - Dr Willan says it
may be communicated by the matter
contained in the vesicles on the skin.

The Miliary fever is supposed to be
a disease arising from too hot regimen -
it is now scarcely known - it appeared
in a malignant form some years ago -

The Chicken Pox has but few E-
ruptions and little fever - the number
of eruptions seldom exceeds 200 - it is
often cured by a purge - It appears on
the back chiefly - these signs distinguish
it from others -

Perniphigus is a form of fever that
rarely occurs - read Cullen -

Nettle Rash or Ephere is a rare but
troublesome disease - it is attended with
+ great ~~the~~ itching - low diet relieves it -
purges and cool air relieve it - time
wears it entirely away -

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Angina Parotidea or Mumps

This is a common disease with young folks - it is seated in the parotid gland it yields to purging and low diet - the disease often flies to the testicle in men and to the breast in women, and destroys them - but it may be translated back to the parotid gland by applying a Blister to the latter - This disease very often requires Bloodletting -

Angina Pharyngea occupies the whole pharynx - it is often cured by means of a gargle of Brandy and water - Hartshorn applies to the throat, low diet, blisters and purges are used -

Angina Tonsillaris is seated in the Tonsils - I formerly bled in this disease, but I have declined the practice - Pus is often formed in the Tonsils and they often break with small ulcers, without affording relief -

+ it has bilious discharges &
 resembles Plague in terminating
 in 3 or 5 days —

We can seldom prevent the tonsils from suppuration - The disease prevails among horses and bleeding always hurts them - it is called in them strangles - puncturing the tonsils when inflamed gives relief - Puncturing the tonsils when suppurated, evacuates them - give purges low diet &c. - when the tonsil is ripe, open it - a bit of laughter has burst it - This disease recurs in persons who have had it before - it is prevented by wearing wool in the ears, also by avoiding all its exciting causes - it is often connected with Liver Complaints.

Anginose States of Fever.

1st of Malignant Sore Throat

this disease attends the Plague - it is accompanied with exacerbations at night - it is a very fatal disease, often destroying thousands - It affects children more than adults and females more than males -

in 1773 - it prevailed
chiefly among the children -

+ especially where much
matter is discharged from
the ulcers in the throat -

+ but this is owing to its affecting
children + appearing not more
than once in 20 years - in that
time the children become adults -

+ the pulse mostly Typhus -
sometimes Sphacela + Pyrochus
fertis - also Typhoid -

+ and other preceding signs of
fever -

It affects wealthy families most-¹⁵
it affects the weak more than the
robust - I have only once seen it
+ Epidemic - it is often Sporadic - For
a good description of this disease, I
refer you to Cullen's first lines - it
has been supposed to spread by con-
-tagion - I conceive that it may be
+ communicated by the breath, but
this is by contagion of excretion -
or it may be received by an active
odor exciting dormant miasmata -
+ It is said to be taken but once - It
is originally a fever of great malign-
-nity and very soon prostrates the
system - it often kills on the 3^d or 5th
day - herein we see its affinity
+ to Plague - it sometimes appears
in form of Synochus, but this like
a soap bubble is only temporary -
The forming state is known by languor,
+ watery eyes &c - its remedies at this
time are 13 Emetics - these have
often strangled the fever in its birth -
I use the Turpeth Mineral and learnt
the practice from my preceptor -

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+ if Synocha — or
Synochus fortis —

o I have bled 4 times in the
synocha state —

+ Emetics are better than
purgers — Sulph Mercury's
best —

o a diarrhoea should be
restrained —

+ as soon as the pulse falls —

Humigation to the throat are
useful —

+ it cleanses the throat —

+ when cold add —

After the disease is formed, use¹⁷
Blood letting if the pulse will bear
+ it - if the pulse requires bleeding
and we neglect it, the patient will
die - the synocha action will soon
o disorganize some weak or tender part
After this use vomits - Gentle purg-
+ strong ones, says Potergerill are hurtful
after the 1st day - the bowels are
o very irritable - Bark, wine, Mer-
+ cury and Laudanum are used - The
use of Mercury was first noticed by
Dr Douglass of Baltimore - Lau-
-danum is useful to check Diarrhoea -
The Bark may be given by injec-
-tion or per os - Zi of Cayenne
pepper 3 times a day has been pre-
-scribed in this disease - it acts on
the whole system indirectly through the
+ medium of the throat - the following
mixture is used - R Cayenne pepper
3 ^{table} Spoonful - Salt 2 Spoonful - $\frac{1}{2}$
pint of boiling water⁺ - $\frac{1}{2}$ pint of
vinegar - Mix - dose a table
Spoonful ^{every hour} 3 times daily for adults -

+ Scarlatina anginosa -

+ discharge of bile & effluence
on the skin

This may be used when the pulse 19
forbids the Bark - It was employed
in the West Indies - I have seen
yeast extremely useful, it relieves the
stomach directly - Blisters, sweating
medicines, sage tea with honey and
marinic acid for a gargle, are all
useful - The sores in the throat
should be cleaned with a rag - deafness
sometimes follows this disease - the skin
and even the nails come off - The
greater the external swelling the better
Spontaneous sweats are favorable when
over the whole body - this is a very
loathsome disease and is allowed to be
of domestic origin - The remedies to
prevent this disease are low diet,
mercury and avoiding all its exci-
ting causes - deafness now & then follows -

+ Cyranche scarlatina is a less
mortal disease than the preceding -
I have never but once seen it with-
out sore throat - but it is often
+ attended with sloughs in the throat -
Sometimes all the skin comes off -

20 + the heat of the skin after
rises to 112° — it is sometimes
attended with a yellow skin —

Emetics often prevent its
formation — Euphorbia
precedes it —

Sulph Lime is used and
should be often repeated —

+ to the lower extremities first
then to the neck —

+ a deep and general red color
in the skin is favorable —
great restlessness is unfavorable

+ sometimes ends in Anasarca

+ This disease sometimes kills in a few
hours - ^{6 hours} but it is curable by the proper
treatment - The remedies for it in
the forming state are the same
as in the last mentioned species -
I have often bled in scarlatina -
I have bled 4 times in one patient -
vomits are used, also purges - Cold
ablutions have done good - Dr Currie
recommends them highly - Sali-
-vation + Blisters, sweats, Humiga-
-tions, ^{Gargles} Barks in the sore throat - Wine,
Laudanum &c are used - The less sore
throat, the more favorable and the
+ more eruptions the more favorable -
pains and swellings in the limbs
are favorable signs - Dr Williams says
+ this disease has terminated in Phre-
-nitis - the heat is higher in this disease
than in any other - I have seen the
disease terminate in large abscesses
and tumors - when vomits will not
operate, it is alarming - a yellow
color of the skin is alarming & fatal -

+ Most common to children -
 Gentle purges prevent the disease
 in those exposed to it - This acts
 as in other cases, by depletion

It is an atmospherical disease 23
+ when it is Epidemic - when the Ex-
-cretions from the patient are great,
the disease will spread throughout
- families - Dr Willan says it can be
taken more than once - so does
Angina Suffocativa or disease
of the ears - Oreil of Tisat - its
symptoms are nearly the same as
those of Malignant Sore throat -
patients die in a suffocated state
hence its name - it extends down
the trachea and leaves a mem-
-brane when fatal - there are swell-
-ings behind the ears - sometimes
there is a spontaneous salivation
- the matter discharged is very acrid,
and inflames the nostril and up-
-per lip - Ulcers often exist behind
the ears - I never but once saw
it Epidemic - The remedies in
the forming state are the same
as in the former - When the dis-
-ease is formed, use blisters be-
-hind the ears - Trehier on Blisters

and Emetics chiefly - Mercury, Sweating medicines, Bark and Tonics are used - Venesection - These three forms of disease are but one disease varied by circumstances - The Prophylactics or remedies to prevent this disease are the same as in the Malignant sore throat -

Cynanche Trachealis - Refer you to books for a history of this disease - it is a disease of childhood chiefly - it sometimes affects adults - its causes are primary, as cold and moist air, hence most common in moist and cold seasons there are secondary causes, as other diseases, such as small pox, measles, Sore throat, Rheumatism, Catarrh, aphthae - It always arises from Catarrh when Epidemic - Catarrh most frequently induces it - it is a higher grade of influenza - it is most dangerous when the effect of translocation, or when it occurs

* and membrane —

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after another disease - I once saw
it induced in a boy by over dis-
-tending his stomach with buck-
-wheat cakes - It sometimes a
chronic disease - It is often at-
-tended with remission and ex-
-acerbation - here the bronchial
vessels are affected with spasm -
the spasm in this case is clonic -
the mind is mostly elevated -
Children who have once had it
may have it again - I have
known it to be taken 12 times -
It is sometimes a filial disease -
Death sometimes occurs after appa-
-rent recovery and after expectora-
-tion of mucus ^{and mucus} - Diarrhoea is fatal -
Dissection sometimes discovers no sign
of disease, owing to morbid excitement
transcending inflammation - here it
is a dry disease - I have seen
ulcers in the trachea - a mem-
-brane has been found there - also
inflamed spots are seen of a dark
color -

The premonitory signs of this 29
disease are hoarseness and redness
of the eyes - vivacity a dullness -
Coughing with hoarseness a barking,
with and often without fever - here
an Emetic does good - I have cured
with an emetic without any other
remedy - every family should keep
Emetics in their possession - When
the disease is formed, use blood
letting frequently - the more re-
-mote an inflamed part is from
the centre of circulation, the
more bleeding is necessary - I
have bled 3 times in a day in
a child 4 months old - Dr Physick
has done the same - mild Emetics
often repeated - when the common
Emetics do not act, use a feather -
I think I once saved the life of a
child by exciting vomiting by means
of a feather - Use Purges of Cal.
& Jalap - if these fail give large
doses of Rhubarb repeated -

T in one day

Give large doses of Calomel - 31
Dr Physick gave a child ʒss at
once - You might as well try to
storm the rock of Gibraltar with
musquet shot as to attempt the
cure of this disease with Seneka
Snake root - the pediluvium
is useful - Tracheotomy has
been performed in this disease, but
without success - Blisters are
used to the throat - liquid lau-
-danum is good in a chronic form
of the disease; I succeeded with
this in a lady in whom the dis-
-ease had been brought on by in-
-haling the vapor of white paint
in a newly painted room - I bled,
then gave Laudanum and Hart-
-shorn, 20 drops of each -

Arthritic State of Fever
This is divided into the Rheumatic
State of Fever and Gout

1st The Rheumatic State of Fever - this
is a centrifugal disease - hence the
functions of the stomach and brain

depression goes chiefly in not
affecting internal parts —

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are seldom affected by it - delirium
seldom follows it - it affects persons
of all ages but chiefly such as are
most exposed to cold and exercise -
this creates debility which invites
morbid excitement - The pains of
children who have been exposed to
cold, are of the nature of Rheuma-
-tism - This is owing to the stimulus
of heat of a fire place acting on the
joints debilitated by cold and ren-
-dered highly excitable - It is a disease
of long duration when neglected - it
sometimes comes on with swellings of
the lower limbs - the pulse is full
and tense and pain follows blood-
-letting - it is a general disease and
unaccompanied with any affection
of the head - sometimes there is no
pain - these are Dumb Rheumatisms.
sometimes there are violent chronic
spasms of the limbs, shoulders and
back - it sometimes fixes in the
Psoas muscles - this is called the
Muscular Rheumatism - the joints
generally absorb all the pain - It is
often attended with eruptions of the skin.

This is called the Scorbutic Rheum³⁵
-matism - hard drinkers are subject
to it - the worst case I ever saw was
in summer - it produces disloca-
-tions of the limbs, blindness and
Ectetic fever, chalk stones - it is
increased by visiting the sea shore -
In the acute state, the pulse is Synocha
in the chronic state, Synochula -
It alternates with Consumption
mania and Dysentery - it has
been divided into acute and chronic,
both are inflammatory - When
they are neglected, Rheumatalgia
follows - the remedies should be, in
Synocha and Synochula, blood letting,
cupping, leeching - the blood is mostly
vizy - recollect the distance of the
small blood vessels of the joints from
the centre of the circulation - if blood-
-ing fail of doing good it is because
it is used too sparingly - Purges
are used - they have cured Inflam-
-matory Rheumatism - they act by
discharging bile - purges seldom re-
-lieve without the aid of blood letting -
low and solid diet is used -

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Antimonial powders - Blisters to
the parts affected, that is to the joints.
These must be used after depletion
evacuating medicines, after bleeding,
have been used with propriety and
safety - for this purpose I use from
7 to XX grs of Dover's powder at
bed time - I have seen this change a
tense pulse to a soft one - The
opium is the active ingredient in
the powder - 20 drops of Laudanum
and as much Spt. Cornu Cervi will
do as much good. The anomalous
forms of Rheumatism with swell-
-lings in the lower limbs are treated
with Blood letting if the pulse be
tense - this remedy excites pain and
removes the swelling - In some cases,
Bark &c. should be tried, as when the
system is much prostrated -

The local remedies for the acute stage
of Rheumatism are Cabbage leaves
bruised and warmed, applied to the pained
parts - they stimulate gently and ex-
-cite perspiration - The founder in horses
is an Inflammatory Rheumatism,

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it is cured by tying the horse in a
pond of water - Molasses on the
inflamed and pained parts is useful
cool air and cold water - mercurial
ointment - frictions to a Rheumatic
limb are serviceable.

Rheumaticula or Chronic Rheu-
-matism - in this disease, the pa-
-tient can walk about but com-
-plains of wandering pains - the
pulse is synochus and sometimes
synocha, and small bleedings may
be repeatedly used - Stimuli de harm-
- without bleeding, we can do no good -
The Rheumatism here is insulated
in the blood vessels and joints &
Chronic or alterative bleeding must
be used - Gentle purges may be given
Sir Jno. Pringle recommends a large
dose of Calomel in the morning -
Abstinence from animal food - blisters,
nitre, and if all these fail, a sali-
-vation may be used - I have often
cured it with mercury - Bark cannot
be proper in the high toned Rheu-
-matism of Americans -

It will do less harm than in a 41
fever of equal force if centripetal,
since the disease here is centrifugal—
It may do good after the pulse is
reduced— These forms of Rheuma-
-tism may be prevented by wearing
flannel— keeping from cold, a-
-voiding acid food & acid drinks—
Cyder first brought on Rheuma-
-tism in Dr Franklin— It has
been obviated by the cold bath, use
of sulphur, change of situation—
Rheumatalgia arises from ne-
-glected or half cured Rheumatism
it is often attended with lameness,
hence, though incorrectly, supposed
to differ from Gout— Rheumatism is
permanent in the tendons— It is
seldom attended with fever, but the
pains are constant, though not se-
-vere— The remedies for it are the
warm bath and vapor bath heated
to 100 degrees— perhaps the air and
sand bath would do better. Frictions
are useful— The cool or cold bath
may be used after the system has
been excited by the warm bath—

The first of these is the
 fact that the world is
 not a uniform whole
 but a collection of
 parts, each of which
 has its own life and
 its own history. The
 second is the fact that
 the world is not a
 static whole but a
 dynamic whole, in
 which everything is
 in a state of flux and
 change. The third is
 the fact that the world
 is not a simple whole
 but a complex whole,
 in which every part
 is connected to every
 other part. The fourth
 is the fact that the
 world is not a single
 entity but a collection
 of many entities, each
 of which has its own
 life and history. The
 fifth is the fact that
 the world is not a
 uniform whole but a
 collection of parts, each
 of which has its own
 life and history. The
 sixth is the fact that
 the world is not a
 static whole but a
 dynamic whole, in
 which everything is
 in a state of flux and
 change. The seventh
 is the fact that the
 world is not a simple
 whole but a complex
 whole, in which every
 part is connected to
 every other part. The
 eighth is the fact that
 the world is not a
 single entity but a
 collection of many
 entities, each of which
 has its own life and
 history. The ninth is
 the fact that the world
 is not a uniform whole
 but a collection of
 parts, each of which
 has its own life and
 history. The tenth is
 the fact that the world
 is not a static whole
 but a dynamic whole,
 in which everything
 is in a state of flux
 and change. The
 eleventh is the fact
 that the world is not
 a simple whole but a
 complex whole, in
 which every part is
 connected to every
 other part. The
 twelfth is the fact
 that the world is not
 a single entity but a
 collection of many
 entities, each of which
 has its own life and
 history. The thirteenth
 is the fact that the
 world is not a uniform
 whole but a collection
 of parts, each of which
 has its own life and
 history. The fourteenth
 is the fact that the
 world is not a static
 whole but a dynamic
 whole, in which every
 thing is in a state of
 flux and change. The
 fifteenth is the fact
 that the world is not
 a simple whole but a
 complex whole, in
 which every part is
 connected to every
 other part. The
 sixteenth is the fact
 that the world is not
 a single entity but a
 collection of many
 entities, each of which
 has its own life and
 history. The seventeenth
 is the fact that the
 world is not a uniform
 whole but a collection
 of parts, each of which
 has its own life and
 history. The eighteenth
 is the fact that the
 world is not a static
 whole but a dynamic
 whole, in which every
 thing is in a state of
 flux and change. The
 nineteenth is the fact
 that the world is not
 a simple whole but a
 complex whole, in
 which every part is
 connected to every
 other part. The
 twentieth is the fact
 that the world is not
 a single entity but a
 collection of many
 entities, each of which
 has its own life and
 history.

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The following mixtures are employed—
℞ Cayenne pepper ℥i-Spirits 1 pint
mix—℞ Mustard ℥i-Vinegar a pint
mix—volatile salts are used—Poke
berries made into a drink are used
Poke berries ℥i to Spirits a quart—take
℥ss 3 times a day—sometimes the
Rheumatism terminates in abscesses
of the joints, which end in hectic fevers
Patients should be advised to use their
limbs as much as possible—Shocks
of Electricity are useful—a change of
climate has cured—a cataplasm
composed of equal parts of lime and
opium, is used—

Tic Doloroux is a compound of
Rheumatism and Gout—it affects
different parts—it continues a long while
and sometimes terminates in Mania—
it affects Gouty habits most—it is a very
obscure disease—it is in fact only a symp-
tom of disease—in the stomach it is
what I have called Aura Dolorifica—
It is not an incurable disease—a
remedy exists for it in the womb of time—
caustics are used—division of the nerve

leading to the part - hemlock has^{als}
been used, also mercury, opium, the
magnet &c - the remedies for it are
all the medicines in the Materia
Medica -

of Gout - This is a disease of the
whole system and a primary dis-
ease of the solids, only - chalk
stones, effusions into cavities, abscesses,
are the effects of morbid excitement in
the blood vessels - it affects chiefly those
of a sanguineous temperament - the idle
and luxuriant are most subject to it -
women are said to be less subject to Gout
than men - I once believed this but now
deny it - I believe there are ten gouty
women for one gouty man - It generally
attacks at a period when inflamma-
tory diseases are most common - It
seldom affects persons before Puberty -
men of active minds are said to be most
subject to it - It is in one respect, a
hereditary disease - where a predisposition
is derived from ancestors, it requires a
less forcible exciting cause to produce
the disease - It is induced by general
debility.

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The remote causes of Gout are indolence, intemperate revery, strong tea and coffee - vexation, violent exercise of mind, the great use of ardent spirits and fermented liquors - Wines of all kinds are more disposed to produce Arthritic Gout than ardent spirits, owing to the less powerful stimulus of the former - Wine and fermented liquors are not the only causes of Gout - some persons have died of this disease without having ever drank wine or malt liquors - strong tea or coffee as certainly induce it as wine or fermented liquors - The exciting causes are but an increase of the remote causes - they act on the accumulated excitability of the system - a paroxysm of joy or terror, the luxation of a bone, undue pressure on any part induce Gout - Gout makes its first attack at night owing to debility of the system at that time - it sometimes arises from causes of a sedative nature as too ^{little} ~~much~~ exercise -

Gout like Yellow fever affects the ^{the} whole system - Rheumatism like common Bilious fever is more limited in its operations

Gout consists chiefly in morbid excitement, but there is nothing specific in the excitement - the ligaments are the seat of true Gout, first - the the only difference in ~~degree~~ pain of Gout and Rheumatism depends on the degree of pain - Gout affects the arterial system and sometimes it affects the nerves together with the arteries - Gout pervades every part and is confined to no place - In the arterial system, Gout produces fever of different grades - I have seen a patient die with black vomit in Gout - It has its exacerbations & remissions and its crisis is on the 4th day, often, in violent cases - I have seen Gout translated to the eye, producing violent pain - When Gout flies to the stomach it creates violent pain, and in this case, Bark is always rejected -

Gout sometimes flies to the neck of the Bladder - The liver suffers most of all the viscera from Gout - Gout sometimes affects the arteries and nerves jointly - The muscles are sometimes affected with Gout in spasms - the pain produced in this way is always permanent - the pain is often very violent in the calves of the legs - sometimes Gout affects the muscles of the head, breast and limbs - it sometimes affects tendons and twists them so as to dislocate bones - Gout affects the alimentary Canal and is ushered in with flatulency, Dyspepsia &c Colic and Dysentery are often produced by Gout - Piles are a common symptom of the Gout and when they pour forth blood it is a trifling disease - There is sometimes a troublesome itching in the anus which arises from Gout - The Mysteria, Sick Headache &c Colic depend on Gout in many cases and are more common in women than in men - Gout affects the Glands and Lymphatics - I have known it to

living on Bubbles—Scrophula is
 often the effect of Gout—There is a
 mucous discharge from the urethra
 depending on Gout—Gout often excites
 great pain in the testicles—The Gout
 is often the cause of Fluor Albus
 in women—The bones are not ex-
 -empt from Gout—Gout flies from
 one part to another—The Gout
 may be compared to a monarch
 whose sway is unlimited; the whole
 body crouches before it—The method
 of cure—Gout is not an incurable
 disease—it has been cured and
 may be cured still—It is no more
 necessary to induce Gout in the foot
 to cure the disease, than to form an
 abscess in the lungs to cure Pneumonia
 The symptoms of an approaching fit
 are languor, wakefulness, numbness,
 coldness in the feet and legs, acidity
 and flatulency of the stomach—
 Gout is nothing but a paroxysm of
 fever—

During the symptoms preceding a fit of Gout, the system is under depression - this is relieved by drawing away a few ounces of blood - a purge may be taken - a draught of wine whey - a few drops doses of Bark may be given -

The remedies for great morbid action are 1st Blood letting - This remedy has been objected to, because it has been said ~~bleeding~~ that Gout depends on debility - this is false - Bleeding is as necessary here as in Pleurisy -

The Gout does not often recur after having been once cured - The Inflammatory Gout is said to affect the limbs only - but this is a most egregious error and has destroyed thousands - The state of the pulse should not prevent bleeding - even in old age, Bloodletting is necessary and the blood bears the buffy coat - The advantages of Bloodletting are numerous - 1st It relieves and often removes pain -

2^d It prevents the formation of con-³
-gestions 3 It prevents the system from
wearing itself down thereby inducing
general debility - 4th It renders the
duration of fits shorter - Purgings is
used, so are vomits - Nitre may be
given if the stomach be not affected
Cool air is good - cold water is used
to the limbs of patients - This may
be used when no internal part is
predisposed by debility to attacks of
disease - diluting liquors are employed -
blisters are used - abstinence from
~~wine~~ wine and ardent spirits must
be attended to - Sweats have been
employed - various applications have
been used to the limbs and joints -
such as Blisters, Caustics - molasses,
also Cabbage leaves - The sooner
patients exercise their limbs after
a fit of Gout, the better - The feeble
state of Gout is often induced by ne-
-glecting the disease in its commence-
-ment - its remedies are wine,

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Volatiles, aromatics, Barks, warm bath, salivation, frictions - in short treat it as a Typhus fever - There are local symptoms attending Gout as ophthalmia which must be treated by the usual remedies - Gouty Diarrhea must be treated as Diarrhea from other causes - Itching of the anus has yielded to Mercurial ointment - Obstinate costiveness from Gout yields to purges - Arthritic Gonorrhoea must be treated as Gonorrhoea from other causes with this difference that local applications frequently revert it - The first remedy for preventing Gout is temperance - gentle Calm and exercise - cold should be avoided - the venereal appetite should be indulged in moderation - Costiveness should be guarded against by taking sulphur - abstinence should be attended to in the spring -

Ipsus are useful - Botlers are in-⁶¹
proper - The remedies for preventing
a return of feeble Gout are gently
stimulating and E. halysate medi-
-cines - bob. Tinct. Guaiacum is
used - The warm bath is employed -
the understanding and Passions
should be exercised with modera-
-tion - I shall now deliver a few
remarks respecting Gout -

- 1st The Gout does not depend on
specific action in the blood vessels -
- 2nd It is not seated exclusively in the
joints and limbs -
- 3rd It is not induced
by intemperance in the use of wine
and ardent spirits only, but by the
immoderate use of strong tea and
coffee -
- 4th It is much more com-
-mon among females than males -
there being ten of the former to one
of the latter -
- 5th It differs from Rheu-
-matism in its seats and grades -
- 6th There is no specific remedy for this
disease -
- 7th It is subject to the
powers of medicine and can be cured.

I have no object - I have no
 object - the business of presenting
 a return of facts for an article
 of literature and I hope to be
 - some - good - that I can do
 will - the more that is supplied
 the business of my own papers
 which is expressed with numerous
 - that - I have some letters of
 - some other respecting fact -
 1. The fact does not depend on
 specific action in the literature
 2. It is not really excluded in the
 fact or limit - 3. It is not
 of importance in the case of
 and exact spirit only, but to
 understand too of study the
 coffee - 4. It is not a new
 - some - family the world
 this being the of the future to be
 of the letter - 5. It is not for the
 - matter in its date and quality
 6. There is no specific remedy for this
 disease - 7. It is not to be
 - number of medicine can be used

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8 It is not necessary to translate
Gout in order to cure it - 9 It is not
a friendly disease - 10 It does not
cure other diseases or vesperation.

Cephalic State of Fever is
divided into Phrenitic, Maniacal,
Lethargic, apoplectic and Paralytic
states of fever & Hydrocephalic -
The remote causes of Phrenitis are
such as act primarily on the brain,
as contusions, poisons, concussions &c.
It saw it brought on by falling on the
feet from a great height - the inter-
-val between the time of receiving
an accident and the attack of disease
the consequence of that accident, is some-
-times 6 months - Phrenitis is also
induced by causes which act on
other parts of the body, also by dis-
-eases, as the plague, cholera &c. - This
a Synocha pulse generally attends
Phrenitis - but the pulse is sometimes
Typhoid and Typhus - the pulse is
sometimes perfectly natural -

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I refer you to Cullen's Practice for a history of this disease - an intolerance of light and sound are seldom absent in this disease - it usually terminates in 3, 5 or 7 days - it often terminates in Mania - Indeed Mania is no more than protracted Phrenitis Dissections have shown violent inflammation - the dura mater adhering firmly to the Skull - gangrene, pus &c has existed - water in the ventricles of the Brain and there have often been no marks of disease owing to morbid excitement transcending inflammation - The delirium of Phrenitis is often confounded with that of Mania, but may be distinguished as follows - 1st In Phrenitis, the perceptions are always incorrect, but in Mania they are sometimes correct - 2 Delirium discovers itself in incoherent conversation, Mania discovers itself in incoherent actions, as well as conversations - 3 The fever in Phrenitis affects the whole body, but in Mania

warrior cum

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it is suffocated in the Brain and
often discovers no derangement in the
pulse and heat of the body - 4

In delirium, the excitement of the
muscles is translated to the vessels,
hence patients affected with it are
often confined to bed - in Mania,
the muscles have an excess of excite-
ment - 5 Patients in delirium
remember nothing they hear, but
in Mania, they remember every
thing in most cases - but to this
there are exceptions - Delirious patients
recollect the actions of others, when
they are silent and inactive - 6 In
delirium there are frequent lucid inter-
vals - 7 The subjects on which Phre-
nitic patients rave are numerous
not so with Maniacs - 8 Delirious
patients rave most when they sit
+ up and are quiet when they lie
down - Delirious patients often com-
plain of headache, maniacs do not -
delirious patients fancy themselves

it is better to let the blood
 after the case is determined in the
 further and best of the body - 4
 I believe the treatment of the
 muscles is to be directed to the
 same patient's efforts and to be
 after the patient to be in a position
 the muscles have an opportunity
 - not a 2. Patient's condition
 treatment is to be directed to the
 in relation to the patient's condition
 thing is to be done - but to be
 that are responsible - believe in the
 treatment. The action of the patient
 they are to be directed to the
 believe that are responsible for the
 - all of the patient's efforts and to be
 - not the patient's efforts and to be
 not to be with the patient - 2. Patient
 patient's efforts and to be with the
 of the patient's efforts and to be
 - believe that are responsible for the
 - believe that are responsible for the

in situations which they do not ⁶⁹ occupy — While I thus distinguish these diseases by their symptoms, I believe them to depend on the same cause.

The premonitory signs of Phrenitis are wakefulness, headache, red and watery eyes, alienation of mind — in this state patients may be relieved by taking a few ounces of blood from the arm — taking a purge and resting — When the disease is formed, use blood letting very freely, especially when it arises from contusions — Mc Cliné cured a case of this kind by drawing away daily 12 ounces of blood for 3 months — Bleeding may also be performed in the temporal artery — cups and leeches may be used — the hair of the head should be shaved off & cold water or ice, and warm water alternately applied — the bowels should be opened 2 or 3 times daily.

in the same manner as the other
 groups. While I was at the
 point where these are found, I
 happened to observe that the
 on the same course.
 The present-day signs of the
 are everywhere, however, the
 are every day, and the
 mine, so that the present-day
 be reduced by taking a few
 of them from the mine - taking
 a few and testing them in
 the case of a furnace, one should
 very freely, especially when it
 comes from the mine. At the
 same time of the kind of
 any other it comes of the
 matter - the best of the
 - that is, the top of the
 and which may be used in the
 of the best kind to the
 with water and
 water at the top of the
 much better than the

Low diet should be attended to - 71
light, sound and conversation should
be abstracted - foolish company -
prevent sleep, by means of small &
repeated doses of laudanum - thus
gently wasting excitability without
inducing sleep - blisters to the ankles
and wrists - nature sanctions the
latter practice - Blisters may be
applied to the head after morbid ex-
citement is reduced - let us suppose
the action of the brain to be at 90° ,
the force of blisters at 70° - the system
must be reduced to 65° before blisters
do any good - Nature seldom trans-
lates a disease until depletion be
used - Blisters applied before re-
duction of excitement will either do
no good or much injury - a salivation
should be resorted to when the disease
assumes a chronic form - Great
care should be taken to avoid all
the exciting causes - If it assume
the Typhoid state, treat it accor-
dingly -

Coma, canus & lathyrus

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Mania - By this I understand
that state of the mind in which the perceptions,
reason, judgement, one or all of them are per-
verted and accompanied with corresponding
actions - it is generally a chronic disease,
but is now & then a symptom of fever
when occurring in chronic fever, Sydenham
calls it Typho-mania - It sometimes
occurs in paroxysms of Intermittent fever
Mania is said to be sometimes Epidemic,
but it is only a symptom attending an
Epidemic, as the yellow fever - a due
regard should be had to the pulse, where
we prescribe for it - In high-toned
madness, never oppose the will of a
patient -

Lethargic State of Fever - this
occurs in the different forms of
fever - it is often attended with a
morbid sleep, that continues a long
while - The remedies should be ac-
commodated to the fever from which it
arises - when from Yellow Fever, treat
it with the remedies proper for
Yellow Fever - if it arise from
suppressed fever, bleed copiously.

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I have bled 12 times in Comatose
state of fever, with success - In
coma if the pulse be Typhus,
use the stimulants proper for
Typhus, especially Laudanum -
strong coffee is given - coma is seldom
without danger - Bleeding and
purgings do harm in Typhus state -
apoplectic state of Fever - This
appears frequently in the Plague and
in all malignant Fevers - it some-
times proves instantly fatal, owing
to the force of Stimuli acting on the
Brain - I have seen it occur every
other day as in Tertian fever - all
cases of sudden death from Yellow
Fever that we hear of arise from Apo-
plexy - the excitement of the Brain is
suddenly destroyed - this has been sup-
posed to be Epidemic, but it was only a
symptom of an Epidemic - It was a symp-
tom of Influenza and many died with it
in Bucks County - it is useful to know
these facts - for we must cure the Epi-

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- debilitated in order to cure its symptoms,
one of which is apoplexy -

The Remedies are blood letting when
the system reacts - when no reaction
occurs, give Stimulents, as Bark &c.
Purgings, vomiting, Blisters to the legs
and Head - cold applications, salivation.

The Paralytic State of Fever is less
common than the apoplectic - it some-
- times appears in Hemiplegia, sometimes
in Paraplegia - it sometimes appears
with a suppression of urine - sometimes
it occurs with general immobility of the
limbs - this state of fever has been called
Epidemic - but it was only a symptom
of general fever - its remedies should be
adapted to the fever of which it is a
symptom - I have cured it by taking
away 100 ounces of Blood -

The Hydrocephalic State of Fever
called also, Chronic Phrenia -

I refer you to Dr. Frithgill, Whytt
and my Medical Inquiries - I have
seen it attended with Eucius - its pri-
- mary ^{causes} ~~symptoms~~ are contusions, blows
and falls

The first of these is the fact that the
 system of the world is not a simple
 one. It is a complex system, and the
 complexity is not only in the nature of
 the system, but also in the way it is
 organized. The system is organized in
 such a way that it is able to adapt
 to changes in its environment. This is
 the first of the characteristics of the
 system. The second characteristic is
 that the system is able to learn from
 its experience. This is the second of
 the characteristics of the system. The
 third characteristic is that the system
 is able to predict the future. This is
 the third of the characteristics of the
 system. The fourth characteristic is
 that the system is able to control its
 own behavior. This is the fourth of
 the characteristics of the system. The
 fifth characteristic is that the system
 is able to communicate with other
 systems. This is the fifth of the
 characteristics of the system. The sixth
 characteristic is that the system is
 able to evolve. This is the sixth of
 the characteristics of the system. The
 seventh characteristic is that the
 system is able to create new systems.
 This is the seventh of the characteristics
 of the system. The eighth characteristic
 is that the system is able to destroy
 old systems. This is the eighth of the
 characteristics of the system. The ninth
 characteristic is that the system is
 able to transform itself. This is the
 ninth of the characteristics of the
 system. The tenth characteristic is
 that the system is able to maintain
 its identity. This is the tenth of the
 characteristics of the system.

I have seen it produced in a boy 17
4 years old, by falling with his feet, in a
plain, from a considerable height - iso-
-lation has produced it - these causes
act directly on the Brain - Strong
drinks, opium & fevers of all kinds
produce it - the Secondary causes are
diseases translated to the brain from
other parts, especially the Remitting and
Intermitting fever - the causes which act
sympathetically are irritants acting
on any part of the body - Dr Willan
says he has seen 8 cases produced by
fever being determined to the brain -
Pulmonary Consumption, Head ache,
eruptions, measles, Dysentery are often
the causes of it by being translated -
It is induced symptomatically as by
worms - they act by an Error Motus -
that is they do not affect the bowels
but the brain and that too even
after they are dislodged from the ali-
-mentary Canal - The disease appears
to be simple Morbis Excitement in the

Brain - I infer this from its causes - from¹
its symptoms, as vertigo, frequent pulse -
from its consequences, as Inflammation -
from the remedies which cure it - this disease
~~is~~ Sometimes assumes a very acute form -
though in books it is described as a Chronic
disease - it occurs in infants from bad
milk, dentition, Eruptions falling on the
Brain - worms, immoderate doses of opium
violent pains of any kind - retention of the
meconium; - sudden deaths in children
under a year old, I believe depend on
this disease - they die of actual Apoplexy -
I have seen it often, and once in a child
6 weeks old - The appearances after
death, on dissection, whether the disease
be acute or chronic, are, as perfectly
sound brain - this once puzzled many
Physicians - but it is owing to morbid
Excitement transcending inflammation -
we sometimes perceive redness and inflam -
- mation, with little or no water in the Brain
Sometimes we find from a tea spoonful
to 6 ounces of water in the Brain -
this does not always coagulate like
common Serum - I have seen hydatids
in the brain - Tumors are found in the brain.

after the effusion of water has taken ^{place} B3
place in the brain, pain and fever
ceases for awhile - the pulse becomes
slow - but if the water reacts, pains
succeed with convulsions and death
finally ensues - previous to death,
strabismus takes place - The premonitory
signs of this disease are, sense of unea-
-siness, dullness, languor, costiveness,
sickness, crying out in sleep - here a
purg or two and one bleeding often
cure - the symptoms are often ascribed
to worms and we are seldom sent for
until the disease is formed - When the
disease is formed, the pulse is full -
there is great headache, delirium - pupil
of the eye is dilated, coma attends, cos-
-tiveness - I have seen Maria attend it -
the remedies should be 1st Blood letting -
the blood sometimes bears the buffy
coat - I drew 100 ounces of blood from
a Miss, Hunter in 10 bleedings and
cured her - Recollect, Gentlemen,
there is no back door to the head and
copious bleeding is very necessary - I
think I have cured the disease even when
water was effused -

I have cured it when Strabismus existed -
 we may use cups, leeches &c. - I cured a
 child by applying leeches to the head -
 scarifications to the occiput are useful -
 the temporal artery may sometimes
 be opened - & old applications to the
 head are good - active purges should be
 used, as Calomel, Rhubarb & Jalap -
 the bowels are generally very costive -
 avoid the use of Pink root - it increases
 the determination of blood to the brain -
 blisters to the legs should be used, then to
 the wrists, afterwards to the neck and
 head - blisters will not rise in some
 cases on both sides of the body -
 a salivation was formerly employed in
 this disease and it has sometimes cured -
 The British Physicians rely on Mercury -
 Dr Monro acknowledged from his chair,
 that he never cured this disease - Never
 give mercury to excite salivation in a
 child under 10 or 15 years of age -
 there are not so many objections to
 salivation as respects adults - Cold
 bath and exercise should be advised
 in order to prevent a relapse -

No In the Intermittent form, joint Stiffness in the muscles of the arm, is a fatal sign in this and in other fevers— of this disease it may be truly said, that it once filled the minds of patients with horror, but this is not the case now— To the Lancet we owe our victory over this once formidable disease— I have cured 4 out of 5 cases, with the Lancet—

Nephritic State of Fever and Diabetes

The kidneys are subject to local disease— but they are often affected with general fever— they are sometimes affected from blows, falls &c. At Small Pox, Yellow Fever &c often affect the kidneys, by translocation— The secretion & excretion of urine is often affected, owing to Engorgement of the blood vessels— pale urine, coffee colored urine is sometimes brought on by the force of morbid Excitement— the remedies must accord with the state of the fever— for Engorgement of the vessels, use blood letting, cool air, demulcents— after bloodletting and purging, use the warm bath—

Diabetes ^{my} Consists in a pale discharge
of pale and limpid urine - it is some-
times a local, sometimes a general dis-
-ease - 1 Diabetes Aquosus Intestinalis
may be distinguished from preternatural
secretion and excretion of bile by the
white stools of the former - When the
chylous matter passes off by the kid-
-neys, it is called 2 Diabetes Chylosus
Renalis - The first is sometimes
brought on by cold weather - it generally
affects adults but sometimes children -
I have seen a boy affected with it in
an Intermittent - this disease has
continued for 50 years - more water is
often discharged than the patient drinks
The Diabetes mellitus is a general
disease or fever - some causes of this
act primarily on the kidneys - but the
cause is sometimes alternated heat
and cold - except in the use of spirituous
liquors - except in exercise of mind and
indeed all the causes of what is called
Gout, produce Diabetes - I infer it
to be a general disease from its symp-
-toms - there are a tense pulse,

80 flatulency, hot, dry skin, -
pains in the head and back - pal-
-pitation of the heart - sore gums,
yellow eyes & skin - sweet tasted
sweat - disturbed sleep, green stools,
increased discharge of urine - the
urine is first pale, afterwards turbid,
then bitter, acid in small quantity -
it putrefies slower than healthy urine -
it contains much ammonia - Apthae
delirium and Convulsions sometimes
attend its last stages - This disease
sometimes kills soon, but it often lasts
long years - Dissection shows tubercles
in the lungs, the bronchiae filled with
a cheese like matter - adhesion of
the lungs to the pleura - membrane
on the interior of the aorta - enlarged
and spongy kidneys - all these appear-
-ances indicate a general and inflam-
-matory disease - the liver is often found
diseased - I believe the disease to originate
from a diseased state of the stomach and
liver - unhealthy chyle passes in an
imperfect state to the blood vessels -

The yellowness of Skin and green stools⁹⁹
depend on the liver being diseased -
the kidneys exhibit less marks of
disease than the lungs - sometimes
the kidneys show no marks of disease
the urine sometimes passes through
the pores in perspiration and ferments,
emitting an offensive smell - the
reason why the urine does not easily
putrefy, is because it contains much
chyle - The remedies for Diabetes
are 1st Blood letting, in a tense and
full pulse - When the blood is not sizy
it is because the disease runs beyond the
sizy point - I have used venesection
with success - the blood is generally
sizy - bleeding should be repeated until
the pulse is reduced - this remedy should
be aided by gentle purges, vomits &c -
the appetite should be weakened by
sweet oil - two or three spoonful of
this oil blunt the appetite speedily -
use a smaller quantity of animal
food than is agreeable - a salivation
has cured this disease - mercury is more
indicated when the liver is primarily

9th affected - when the pulse is reduced
give tonics as opium, tar, garlic &c -
all the remote causes of this disease
whom to be avoided -

Hydropic State of Fever - I have
included Dropsies among febrile
diseases, because they are attended
with a full, frequent, tense pulse -
thirst is a common symptom - The
arterial system is the primary seat
of Dropsy, tho' it may originate in
rupture of the lymphatics, or in
original weakness - some suppose
the water is secreted - this secretion is the
effect of disorder - Certain states of
morbid action tend to produce secretion
of water in all parts of the body -
Morbid action always produces effusions
of water that take place in different
parts - The Scarlatina, Rheumatism &c
produce dropsical swellings in the
limbs called Anasarca - Half cured
Pneumony often terminates in Hydro-
thorax - Blows on the head produce
Hydrocephalus -

Dropsies are, primarily, diseases of 9'
the blood vessels - except when they
arise from ruptured lymphatics -

The Premontory signs are a dimi-
-nution of the red color on the eye
lids and lips - In the forming state,
a purge or a bleeding often prevents
the complete formation of the disease -
When the disease is formed use such reme-
-dies as accord with the state of the pulse -
When it is active use Blood letting -
Botallus used this remedy with success
200 years ago - Sydenham used bleeding
with success in anasarca - I was led
to adapt it from a belief in the Unity
of Disease - I use it whenever the
pulse is tense and full - a William
Allen was bled 15 times for Dropsy in
the Penn^a Hospital, last year (1809)
and cured - you will find Cases related
in Cooper's Museum - Purges must be
used according to the state of the system -
they are Scammony, Crem. Tart, Jalap,
Gamboge & Crem. Tart is celebrated
and it is excellent - all the purges not
only empty the bowels but remove the
mucus of glands -

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Purges discharge more water on the day after they are given - Vomits are used - they certainly rouse the lymphatics - low diet and fasting have cured this disease - Fasting acts by rendering the lymphatics active and as it were hiving - diuretic medicines are used, as parsley, nitre, ^{then are weak} water melons digitalis, squills &c - Salivation has done good - it is indicated in cases where the liver is much diseased - a very long walk has cured the disease - exciting thirst by salt diet and then forbidding drinks, has cured Dropsy - the blood vessels are the strong hold of this disease - In low states of Dropsy avoid purges, vomits and all evacuating medicines - use stimulants and tonics - vegetables as scurvy grass, juniper berries, tobacco alkaline Salts, garlic; all the preparations of iron and mercury may be used - hot and cold bath - travelling by gestation - examine the pulse in every case of Dropsy with as much care as in Fever of any kind - I have known a wood sawyer cured by walking to Lancaster.

but in weak morbid action this would be injurious - ¹³ising must be used ^{stim-}
^{ulants - and diuretics -}

Hydrothorax - the symptoms of this are difficulty of breathing, a dry cough - spitting of blood - pulse full, tense and Intermittent - vertigo - pain on one side only - fluctuation of water in the chest - it often follows half cured

Pneumonia - Mr White says it exists in horses for want of bleeding - Dissection has discovered a membrane on the pleura and water in the pericardium - loss of blood is indicated - but this seldom subdues the pulse - yet this remedy should not be neglected - the blood is ^{1/2} use cups to the back - the kidneys should be the outlets for the water - use squills - use the extract or Symplic of Squills - I have succeeded with 1 gr Calomel & 2 gr Squills, 3 times a day - Digitalis has done some good - diet of onions has cured - salivate if other remedies fail - Purges are always hurtful & this is the case with other high toned diseases of the breast - Copious discharges of blood are fatal - dyspnoea attends

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in consequence of water effused in
the substance of the lungs -

ascites is of two kinds viz That
^{Feb 14 1810} which occurs in cysts independent
of dropsical tendency and that which
occurs from Hydronic Diathesis -
when water is confined to cysts, it
induces a greater projection on one
side than on the other - it is most
common in women and especially in
single, young women - it comes on
gradually, with the legs seldom swelled -
purges do not so readily act on the
bowels - the fluctuation of water is
less perceptible than in effused drop-
sies - the water is very gelatinous -
when the water is effused into the ab-
domen, it spreads gradually over the
belly - this kind of Dropsy often follows
Autumnal fevers, where bleeding has
been neglected - it follows intemperance,
it is sometimes produced by the rupture
of a lymphatic - tall men are most
subject to it - the pulse is generally
quite natural -

Ascites from Hydropic Diathesis is 95
attended with swelled legs - bloated
face - it occurs in men - the pulse is
frequent, weak, sometimes tense - the
serum is not coagulable - Dropsy
prevails in moist countries - it follows
Scarlatina in some cases - When from
Hydropic Diathesis, the remedies are
1st Blood letting when the pulse is
tense and full - water is always dis-
charged after bleeding - purges are
safe and useful - they should be lenient
or drastic according to the state of the
system - the lenient are Crem. Tart
and Salts in daily doses - the drastic
are dangerous in old obstructions and
languid pulse - they are Calomel,
Scammony and Gamboge - Tinct of
Jalap is used - Vomits may be used when
the tension of the belly is moderate -
diuretics are employed - where there is
great morbid action, use Nitre -
Dissolve 4 ounces of nitre in a quart of
water - take a table spoonful 3
times a day - this has done good in
ascites -

Juniper Berries do good - Digitalis
is less useful than is supposed -
blisters are useful when the system
is reduced to the blistering point -
they should be applied when the
system is at a below the Typhoid state -
the blisters are best to the calves of the
legs - cold water is used - a Salivation
has cured this disease - this remedy is
indicated by the obstructions which take
place - it should never be omitted after
other remedies have failed - the action
of the liver should be excited by Caustics
applied round it - When anasarca ac-
companies ascites, punctures should be
made in the legs - I have discharged all
the water contained in the cavity of the
abdomen by puncturing the legs -
Scarifications should never be used -
Tapping is hurtful in a low state of
 Dropsy - the water here acts by the
stimulus of distention - in Dropsy of the
belly with weak morbid action use
cordials and Tonics - the preparations of
Iron - Quiaacum &c -

If tapping be performed, while the ⁹⁷
pulse is active, the disease returns -
there is, Gentlemen, a tapping point
above or below which tapping is in-
-jurious - Purges, vomits & diuretics
should be avoided in Typhus state
patients should be kept in bed &
bandages applied round the belly -
if these fail, tapping must be per-
-formed - the use of tapping has pro-
-tracted life, but it sometimes kills
& kills when the Dropsy is of the low
kind - when tapping is resolved on, the
sooner it is done the better, for the
lymphatics will after awhile become
paralytic by pressure - in cases of
great weakness, delay tapping till
tonics have been used - There is an account
in the Philosophical transactions of a
woman who was tapped 20 times in 10
years and lost 13 hogs heads of water
in all - this was a case of ~~an~~ Ovarian
Dropsy - this patient's abdomen before
tapping measured 57 inches in cir-
-cumference -

The following matters are discharged from the belly in tapping - serum of a pale green, yellow, chocolate color - serum mixed with a fluid like milk - a milky fluid only - a gelatinous brown matter slowly discharged - a jelly too thick to be discharged - blood has been discharged by tapping - I have seen this - I have twice seen death follow tapping - It has been proposed to prevent a return of Dropsy by ~~say~~ injecting vinegar into the wound made by tapping - I see no reason why it might not be treated in this way - A discharge of blackish, fetid or bloody matter in tapping is fatal - yellow water is bad - a red and brick dust like color is alarming - a jaundice following tapping is bad - a red and brick dust color is alarming - a jaundice following tapping is bad - Mania or delirium following tapping is fatal - Dropsy of the Ovary occurs often on one side only - it may exist for years - a salivation, only, cures it - tapping relieves it -

Dropsy of the Uterus occurs sometimes

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during pregnancy - I have seen
both mother and child dropsical -
here purges are used -

Anasarca is the most common form of
Dropsy - it is often the effect of im-
temperance - it is easily cured - The
remedies should accord with the state
of the pulse - advise a recumbent
posture - use frictions upwards and
in the morning only - blisters to the legs -
use punctures with a lancet but never
scarify - a salivation has done good -
Digitalis has been of service in this oftener
than in any other form of Dropsy - In no
case prescribe without feeling the pulse -
it is the index of the state of the system -
all your remedies should be regulated
by it -

The Hemorrhagic State of Fever - This is
attended with chills, heat, thirst, a quick
and frequent pulse - all spontaneous
hemorrhages are preceded by debility in
the arterial system - this debility is
induced by all the causes of fever - from
these causes a plethora is induced in the
vessels - It occurs at puberty from the
cessation of growth - Hemorrhage is

divided into Hemorrhage ad Molens
 and Hemorrhage ad Spatium - the
 latter follows amputation -
 Plethora before 30 years of age is seated in
 the arteries but after that period it is
 fixed in the veins Plethora and Hem-
 orrhage in early life, belong of course
 to the arteries - Hemorrhage of the
 uterus may be both from arteries
 and veins - hemorrhage is often from
 the nose - they are often from the lungs
 brain, uterus and liver - but we see
 hemorrhage from the veins in young
 folks and from the arteries in old per-
 sons - Stahl divided Hemorrhages
 into active and passive - there is no such
 thing as passive hemorrhage - if there can
 be an exception to this, it must be in a
 simple wound of the soft parts - I divide
 Hemorrhages into such as are of weak
 and such as are of strong morbid action -
 The remote and exciting causes of hem-
 orrhage are general and partial - one
 cause is great and cold - vicissitudes in
 the state of the weather - great and
 sudden changes in the weight of the air -

hence they occur in ascending mountains - they are common in Meina, where the houses are built very high - every thing that increases the force of the blood in the blood vessels may induce hemorrhage - great prepure from too much clothing - violent passions and the unregular appetite ~~and~~ immoderately indulged induce hemorrhage - the last induces in women, hemorrhage from the uterus - under this head, I include the sensations produced by animal magnetism - the partial causes are of a local nature - they differ with the parts on which they act - Hemorrhages have been called Epidemic but they are no more than symptoms - they occurred frequently in the army of the U. S. in the Western Expedition - all such cases are cured by blood letting - recollect here the direction formerly mentioned, to follow nature in some of her directions, are there any hemorrhages unsafe to cure? In persons disposed to mania, Palsy and apoplexy it is unsafe to cure hemorrhages until the predisposition to these diseases is removed, especially hemorrhages from the hemorrhoidal vessels -

The vicarious discharge of the
menstrues from a Sac should not be
suppressed—

The following are the general remedies
for Hemorrhage. 1st Blood letting accor-
-ding to the state of the pulse and system—
cold air, cold water and ice—immersing
the whole or a part of the body in cold water—
So cold air, many Soldiers wounded in
battle, have owed their lives—a wounded
deer always flies to a cool pond and
bathes himself in the water—this re-
-moves morbid action of the blood & repels—
Rest is useful—lenient purges—nitre
and common Salt—astringents as alum,
oak galls, Sacch. Saturni—Ligatures to the
limbs so as to compress arteries—blisters
and a low diet consisting of vegetables—
Hemorrhages of weak morbid action are
cured by gentle exercise, cordial diet,
nitric acid and tonics generally—in most
cases of Hemorrhage we should suspect the
Spleen to be obstructed—mercury and
caustics should be applied near to the region
of the Spleen in such cases—Lientaut
mentions cases of persons dying of Hem-
-orrhage, all of whom had enlarged Spleens.

The Prophylactics are temperance, small bleedings and avoiding all the exciting causes —

Epistaxis or Hemorrhage from the Nose

This is often a symptom of fever and is frequently fatal — it is commonly induced by falls, fullness, anger — Use blood — letting in a tense pulse — rest — a recumbent posture — cold water and ice — dip the whole head in a bucket of cold water — I have seen hemorrhage removed by applying to the scrotum a handkerchief wet with cold water — plugs thrust up the nostrils — blisters to the neck — lenient purges and low diet — you may wet the the plugs with vinegar — its recurrence should be prevented by avoiding all its causes — particularly tight ligatures round the head —

Hæmoptysis is known by being preceded by redness in the cheeks and by cough — sense of heaviness and pain in the breast — a discharge of blood from the fauces and trachea — a high and light air frequently induces it —

Singing, laughing and lifting
 heavy weights induce it - a sudden
 gust of anger occasions it in some
 persons - the following facts are
 worthy of notice - $\frac{3}{4}$ of all the
 cases of profuse hemorrhage from
 the nose are at night owing to
 predisposing debility being greatest
 at that time - loud speaking and
 hallowing occasion it - persons who
 employ their lungs steadily and
 with equal force are seldom af-
 fected with Hemoptysis - singing
 constantly prevents it - hence the
 more frequent occurrence of it among
 Quakers who do not sing - I never
 heard of a watchman who had spitting
 of blood - It has been remarked that
 Hemoptysis seldom follows the cause
 immediately, that induces it - Hem-
 orrhage often cures other diseases and
 the more copious the bleeding the more
 certain the cure - the discharge is
 sometimes so great as to produce suf-
 focation - extravasation of blood in

the lungs produces, apoplexy there - ¹⁰⁵
in such cases very little blood is discharged
from the mouth - Hemoptysis is in
many cases a local disease and is
seldom fatal - the King of Prussia
was subject to it ²many for years -
it is harmless as Epistaxis when un-
-attended with general debility - here
the aortic system does not sympathize
with the pulmonary - it is less dan-
-gerous in old age than in youth -
-alarming as is this disease yet many
persons affected with it live to be
very old - The famous Jno. Wesley
lived to be 80 and he was affected
with Hemoptysis in middle life -
When it occurs in Gouty habits it is
seldom attended with much danger - the
form of the disease which Cullen calls
vicaria is seldom fatal - Hemoptysis
is fatal when it occurs near the close
of Consumption, when in the early
stage, it does good - The remedies for
this should be bleeding according to the
state of the pulse - Dr Smith of
Princeton College lost 200 ounces

lob of blood in a few days from his
arm and thus cured his Hemop-
-tysis - sometimes the lungs are en-
-gorged with blood as in Pneumonia
Notha - here the pulse is languid
or natural - this state calls loudly
for the lancet - after bleeding
swallow common salt - this acts
by its stimulus in the trachea being
imparted to the bleeding vessel -
it may be used before bleeding
if the latter cannot be easily ob-
-tained - if salt fail use cold water
in draughts and applied to the skin -
the vegetable acids are used - The
late Dr Bond stopped his hemoptysis
by wrapping himself up in a sheet
soaked with vinegar - Opium and
Sacch. Sat. are employed - Blisters
to the wrists - rest, gentle purges -
avoid conversation and large draughts
of liquids to prevent the stomach
pressing against the diaphragm -
Glenbane acts like opium only it
does not induce costiveness -

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In feeble morbid action opiates are
used - henbane, British oil x drops
3 times a day - ol. Succini - cordial
diet and drinks - Emetics if the
above fail - give them to excite nausea
salivation - occasional bleeding has
proved a good Prophylactic or pre-
-ventative - a full pulse and fullness
at the breast always indicate the use
of the lancet as necessary - in ad-
-dition to this, low diet is proper - I
have derived advantage from the Bark
when the pulse was low - it will not
do in ^{an} active state of ^{the} pulse - Gentle
exercise has done good, also voyages,
journeys &c - Sir Hans Sloane used
Bark and died at 90 in full
enjoyment of his faculties - When the
pulmonary system is affected separately
from the aortic, I ask what would be
the effect of exciting the action of the
latter system - would not inflam-
-mation excited externally have this
effect - internal medicines would not,
for these would affect both systems,

Hæmatemesis is attended with
 oppression at the breast and sto-
 mach - also vomiting of Blood -
 black blood is discharged - this
 blood is sometimes mistaken for
 black vomit - the blood is not always
 discharged from a ruptured vessel in the
 stomach - this has been proved by Waw
 Swieten, by dissection - it often comes from
 the Liver - Ectetic fever often follows this
 disease and is fatal - the blood is some-
 times discharged into the bowels - if red
 blood be discharged it is alarming - the
 remote causes are obstructions of the Liver
 and Spleen, hard drinking, violent vomiting
 suppression of the piles - obstruction of the
 menses, Conceptions, Ice creams induce it -
 the discharge is often so copious as to render
 Blood letting unnecessary - Bleeding is
 now and then indicated in case of ob-
 -structed menses - the stomach often
 refuses medicine of every kind - cold
 water and vinegar have done good -
 Laudanum with water in injection is
 good - the quantity of water should be
 small - large quantities by distention

cause pressure on the colon - cold water alone may be injected - alum may be given - a blister may be applied to the stomach - the recurrence of this disease should be prevented by rest, low diet & medicines suited to remove obstructions of the liver and spleen - when it arises from chronic causes it is generally fatal.

Malena - This is hemorrhage from the bowels, consisting of a discharge of black, grumous blood, sometimes mixed with green bile from the liver -

Hemorrhage from the bowels occurs in Dysentery - bleed if the pulse be tense - ~~to~~ I have seldom seen a recovery from this hemorrhage - it is to be treated with bleeding, cold water, Laudanum -

Hematuria arises from various causes - the bloody urine comes, both from the kidneys and bladder - it may arise from calculi irritating the kidneys - horse riding - remedies are bleeding in a tense state of the pulse - cold applications -

Bleeding Piles - the remedies for this disease when violent, should be

110 Laudanum, rest, galls to the anus,
alum, cold water I have seldom
known it to prove fatal - much blood
may be lost without injury -

Hæmorrhagia Uterina occurs
about the cessation of the menses and in
pregnancy also at other periods, from
a sedentary life - foot stones dispose
to it, rest cures it - if the pulse be tense,
bleed - use cold applications to the pubes -
flour to the pubes is useful - it acts by
decomposing the blood and producing a
thrombus - I have seen it stop bleeding
from the uterus in less than 3 ^{minutes} months -

Laudanum has been used in large doses -
blisters to the thighs - galls and sugar of
lead - a salivation - it has been cured by
the Itch - it should be prevented by small
repeated bleedings - I have thus prevented
abortion - I have known it prevented
by a diet of salt meat and a small
quantity of vegetable food - avoid drink-
ing up stavis - when the pulse is lan-
-guid use cordial diet, bark, steel, ex-
-ercise &c - I never saw this disease prove
fatal except after parturition and where
it ended in other diseases as Leucor-
æus, Cancer and Ulcer in Utero -

When of long standing, it might be¹¹¹
called a Pulmonary Consumption of
the Uterus - in this state, the remedies
are mercury and milk diet - When
the hemorrhage appeared in a pre-
matural discharge of the Lochia, it
has been checked by applying a child
to the breast or Dry cups over it -
these act by revulsion -

Hemorrhage from Wounds - the
bleeding vessel, if possible, should be
compressed by means of a tourniquet -
use cold air, cold water - styptics
as alcohol and the mineral acids -
such medicines as coagulate the blood
such as destroy the vessels themselves, as
boiling turpentine; lunar caustic, to
create an eschar -

Hemorrhage from the Skin, especially
when the cuticle is destroyed, occurs
in Malignant Fevers - it is induced
by violent agony of mind - it is cured
by astringents &c. - Petechiae are only
hemorrhages from the Skin -

112 Hepatic State of fever displaced

The diseases of the liver are involved in obscurity. Hitherto the practice in this disease has been quite empirical - perhaps the Unity of Disease will render the treatment more correct.

The diseases of the liver are Diabetes Chylosus, Hepatitis, Hepaticula - Preternatural secretion & excretion of bile - Preternatural secretion & excretion of a milky fluid - Hepatic Diarrhea or Leontery of the liver - Preternatural secretion of water also of a black matter - the latter I have called Black vomit of the liver - the matter has been supposed to be Blood - a Preternatural secretion of air.

The Disorders of the Liver are Jauddice, Hepatalgia, Schirrus, Scrophula, Gall Stones and Worms -

of Hepatitis - its symptoms are great pain in the right Hypochondriac region - pain about the clavicle of the right shoulder - difficulty of lying on the left side - this is

more so when the inflammation is
 on the concave part of the liver -
 dry cough - vomiting - hiccup - this
 is Dr Cullen's account - the pain &
 cough are distinguished from those
 of Pneumonia by the following signs -
 the pain and cough are increased by
 pressure over the liver - it is increased
 by full inspirations - the cough suc-
 ceeds the pain in the side, but in
 Pneumonia the pain succeeds the cough -
 the cough is dry, deep and hollow -
 there is an exception to this in Suffo-
 cated Pneumonia, where there is no
 cough at all - green stools and te-
 nerous attend disease of the liver,
 also an inability to sneeze - elevation
 of the shoulders, diarrhoea with acrid
 stools - costiveness, colic, sore gums -
 constant head ache, yellowness of the
 eyes and skin - numbness in one arm
 or leg - pain in the left as well as
 the right shoulder - dry tongue -
 most of these symptoms, I have seen.
 The pulse is most active on the affected
 side - it is Synocha, Synochus fortis,

synochus - & often very natural -
 I never saw a case in which all the
 above symptoms took place - they
 are varied by climate and constitu-
 tion - the acute and chronic forms
 very often run into each other - there
 is often no pain in the side in chronic
 disease of the liver - The pain is some-
 times seated in the left side & most often
 in women - I have seen the pain in
 the side only in women - the stomach
 is often diseased - a diseased stomach
 is often a sign of diseased liver - sometime,
 the disease comes on without any of the
 above symptoms - sometimes death
 takes place without a symptom of
 Hepatitis - The premonitory signs
 are inordinate appetite, depressed spirits,
 sudden stoppage of perspiration - skin
 is very dry - the urine becomes tur-
 bid - there is tightness about the pre-
 cordia - the causes are primary, that
 is such as act on the liver, as Contusions,
 irritation from gall stones &c - the
 secondary causes are various -

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There is scarcely a part of the body that does not call on the liver to receive an excess of ^{morbid} excitement - the liver often sympathizes with disease of the uterus and the skin when acted on, often conveys undue impressions to the liver - the liver is affected often with miasmata without, inducing Bilious fever - Hepatitis occurs in places where Bilious fevers are common, and like the latter it affects the robust most - The great ^{heat} of the vertical sun on the heads of the West Indians is the cause of the frequent occurrence of ~~Bilious~~ diseased liver among them - Hepatitis is induced by all the remote and exciting causes of Bilious fever - it attacks robust persons as Bilious fever does - It sometimes becomes Epidemic in common with Bilious fever - it seldom affects persons under Puberty - Hepatitis is nothing but Bilious fever misplaced or suffocated in the liver - Bad water brings on Hepatitis and also Bilious Fever - The remedies for this disease in its

116, forming state are gentle purges
Bleeding, Emetics -

When the disease is formed, Bleeding
and Purging must be used - 2 lbs of
blood have been drawn away in 48
hours - No disease tends more rapidly
to Suppuration and Death than this -
I bled Miss Peters 30 times in 4
months in this disease, and yet sup-
-puration followed, which is commonly
the case - now and then morbid
action is translated to the lungs and
calls for more bleeding - there are
cases of this disease, in which mod-
-erate tension will wear itself away
after bleeding - some authors say
that after the 7th day, you cannot
prevent Suppuration - blisters are
useful to aid bleeding & purging -
stimulating Suppositories do good - they
are useful to bring back Piles when
suppressed - Mercurial is useful, to
excite a salivation - it is supposed to
act specifically in this disease, but
this is not the case - it only excites
another and safer action - The sooner
salivation takes place the better -

and the more likely will it be to ¹¹⁷
prevent a suppuration - if the mouth
ulcerates, salivation will do little
good - when enough bleeding is used, a
salivation is unnecessary - Blisters
should be applied to the region of the
liver early - opium may be given
combined with Calomel when pain is
lessened by depletion

Errors like diseases have their metastases,
mercury was once a specific for one
part, now for another - Can-
sectoms have been applied in the vicinity
of the liver, they are better than
Canstics - the liver though much
exposed to inflammation is seldom
affected with Gangrene - I never saw
a case end in Mortification - it gen-
-erally terminates in Suppuration -
the abscess sometimes bursts into the Duo-
-denum - sometimes it bursts externally -
sometimes into the thorax and lungs -
into the Pericardium - it is sometimes
discharged from the kidneys and mixed
with the urine - it has been drawn
off in tapping - it is fatal when the
matter gets into the Pericardium & lungs -

Mr Burns relates a case in which he drew off the matter by tapping - pus again formed which was discharged at the umbilicus by inflammation and suppuration. Succeeding - this patient recovered - an abscess of the liver often terminates in expectoration from the lungs - it has been asked if the matter was absorbed by the lungs I said that bile has been expectorated from the lungs - was this by absorption or was it a vicarious office performed by the lungs - I do not think the discharge is always produced by adhesion of the liver to the diaphragm and the abscess bursting through into the lungs - Discharge of pus may take place from the lungs which is produced there by symptomatic disease with the liver - this is most probable - Sometimes we open the abscess by a lancet and let the matter flow externally - the abscess should never be left to burst of itself - by opening it is said that 2 out of 3 cases issue favorably - There is an adhesion of the

liver to the abdomen - Some use
Caustic but I prefer the lancet - the
discharge of the abscess into the duode-
num should be relieved by Emetics -
this disease leaves a weakness in the
liver which disposes it to future
attacks - I have twice known death
to take place suddenly, probably
by the sudden rupture of the abscess -
an abscess in the liver does not always
terminate in a short time - I saw one
which must have existed 7 years -
it has existed 14 years - the pus found
in the liver is said to be very acid -
Chronic Hepatitis when moderate is
apt to end in secretion of b. abstract ^{being}
here use mercury and exercise - it some-
times ends in scirrhus - but this is un-
common since bleeding has become so
general - The chronic diseases of the
liver are preternatural secretion and
excretion of bile - this is attended with
vomiting and diarrhoea - headache -
depression, sallow countenance - it is
attended with preternatural excitement -
This form of the disease is attended with

No such high excitement as to transcend
the grade of Inflammation - The large
liver of the turkey is said to depend
on the foul food it eats - The
causes of this form of disease are in-
temperance in the use of ardent spirits
and food - great heat - violent exercise
and emotions of mind - Gout, contusions
and diseases of the head occasion it - The
bite of snakes, of different kinds - diseased
uterus, obstructed spleen - miasmata,
do occasion it - It is common in marshy
countries, even where hepatitis seldom
occurs - Worms are often found in the
liver after preternatural secretion and
excretion of bile - The discharge is the
evanescent symptom of Inflammation
of the liver - There is often a great col-
lection of watery matter in the liver - this
I have called Diabetes Aqueus -
imperfect chyle is often discharged from
the liver - I believe the caliac flux is
a discharge of imperfect chyle - this
discharge is often attended with worms -
the stools are white as milk - this I
have called Diabetes Chylosus Intes-
tinalis

When the kidneys are more affected, I call it Diabetes Chylosus Renalis -

The remedies are palliative and radical - the first are bloodletting - gentle purges as magnesia, rhubarb, & calomel - a draught of hot water in the morning blunts the acrimony of the bile by dilution - fasting should be often attended to, as far as patients can bear it - once a week at least - Blisters are very useful; I have employed them with advantage - The radical cure depends on avoiding all the exciting causes, as intemperance - the less nourishing the diet, the better - use rice, barley &c. now and then a little ham - if the stomach be affected with Dyspepsia, use the remedies for dyspepsia - Chalybeates are useful also Seltzer and Soda waters - friction to the liver - Calomel so as gently to affect the mouth - a change of climate, and travelling should be attended to -

There is a disease of the liver, in which a preternatural secretion of a clear fluid takes place, as insipid as water.

The remedies for this are astringents - liquid laudanum, cordials - when the liquid passes by the kidneys, give alum, galls &c.

Disorders

Jaundice is a disorder of the liver - its symptoms are yellowness over the whole body, yellow eyes - tongue - dyspepsia - diarrhoea - nausea and then costiveness - itching of the skin - slow pulse - slow fever - natural heat - its causes are sometimes transient - it is induced by fear, anger, colic, intermittent fever - Drunkards are affected with obstruction of the liver for years - they become yellow and at last white owing to want of bile - the white color shows the highest grade of disease of the liver - it is analagous to white heat -

The chronic or permanent causes are various - as gall stones in the ducts - pressure from the uterus in pregnancy - jaundice has existed without any obstruction in the gall or bile duct - spasm of the ductus communis induces jaundice by obstructing the passage of bile - jaundice has been induced by the common duct becoming impervious -

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When the obstruction of the ~~the~~ is only in
the cystic duct only, the nourishment
of the body goes on well enough - Dr
Monro saw his duct filled with gall
stones and yet the patient had not been
affected with Jaundice - But it may
exist in such cases by sympathy between
the cystic and hepatic duct - Jaundice
attacks persons of all ages - I have seen it
in infants - It has been disputed
whether bile exists in the blood - this
has been proven by Dr Roebuck - The
bile may be conveyed into the blood
both by absorption and by regurgitation.
The remedies for Jaundice in a full
and tense pulse are blood-letting &c.
I have bled one person 6 times in this
disease - the blood was oxy - when
there is fever in Jaundice it is because
disease is combined with disorder -
If Jaundice arises from Spasm, use
opiates, warm bath & purges are useful
afterwards tonics - use emetics if the
disease depend on obstruction of bile -
if from gall stones, use the following,
℞ Carb. Potash. Gum. arabic' aa ℥ss
Castile Soap ℥i Brandy a pint -

Take a wine glassful of this mixture,
3 times a day —

This disease is sometimes followed by
Orophula — It is most common in the
West Indies — the countenance becomes
vellow — The liver in health possesses
little sensibility and it loses that sensi-
- bility, however little it may be, by
disease — Nature of Hepatalgia — no bile
secreted —

The remedies for Hepatalgia are
Caustics to the Side — cold bath — frictions —
Calomel in small doses — Salivation
does harm when this disease arises
from Schirrus — Travelling has been
serviceable — Stimulants and tonics
of all kinds are useful —

Costiveness of the Liver consists in
a preternatural accumulation of bile
in the Gall bladder, owing to a
torpid state of its fibres — the stools
are often white, but become dark
when purges are used — it is cured by
purges which excite the gall bladder —
also by mercury —

Gall Stones belong to the disorders of
the Liver — these are formed from

the bile — they differ in figure — some are ¹²⁵ rough, others smooth — they differ in size — also in number from 1 to 500 — in weight from 5 gr to 3i — they are sometimes firm as stone, at others, soft as tallow — they differ in the nature of their composition — Sauvages mentions 6 species — the gall stones may remain in the gall bladder for years without giving pain — 6 gall stones were found in the unfortunate Mrs. Robinson, & she never complained of pain from this source — they are often attended with severe pain — the pain is occasioned by the passage of a stone from the gall bladder to the common duct, hence to the bowels — patients often complain of pain about the pit of the stomach — then it proceeds to the liver, then to the bowels — this pain in the stomach is called by Cullen, *Gastrodynia* — chills attend the pain, with neither fever, fullness nor frequency of pulse — in some persons it is accompanied with pallid countenance — The remedies for Gall Stones are 13 Such as are proper in the forming state of the disease induced by them — 2 Such as are

proper in a paroxysm induced by them. Such as remove the stones - the symptoms indicating the approach of a paroxysm are costiveness, pains, languor, yellow urine - purges often remove these - Small doses of laudanum, the pediluvium &c prevent a paroxysm - The remedies for the disease when formed are blood letting - after this laudanum warm bath, blisters to the side, mustard plasters - purges - The pain from Gall Stones is attended with paroxysms - the mustard acts powerfully in the intervals of the pains - the remedies to remove gall stones are alkaline salts, lime juice, dandelion juice - lime water - soap - ether and turpentine mixed - yolk of an egg and ether mixed - from $\frac{1}{2}$ p to $\frac{3}{4}$ it of soap may be used in a day - these have done good - I can speak of Dandelion juice from my own experience - how it acts I know not - patients may take a pint of the juice daily - it often purges - it is somewhat anodyne - Dr Linnaeus prescribed 1 hundred weight of extract of Dandelion in a year - you may

give from $\frac{1}{2}$ pint to a pint a day of
the juice - it is gently better - purges -
acts as a deobstruent - copious draughts
of warm water do good - electricity has
effected the discharge of gall stones -
exercise - low diet consisting chiefly of
vegetables - Calomel may be given, but
not so as to salivate - Emetics are used -
Costiveness should be prevented by
laxative purges - partial Scrophulous
or scirrhus often occurs in the liver -
worms are found in the liver - gan-
grene sometimes takes place -
various appearances are found after
death on dissection - for these read
Cullen -

Diseases and Disorders of the Spleen.

From the uses assigned by me to the spleen,
its diseases and disorders must be of
much importance to us - Its disorders like
those of the liver are produced by having
too much to do, for want of bloodletting
its obstructions are cured by bloodletting
and Mercury - bleeding lessens the dis-
tention of the Spleen - caustics to the side
over the Spleen are useful -

Dissections have shewn an enlargement of the Spleen - rupture, softness - rarely suppuration or gangrene - Dr Baillie asserts that the spleen will contain from two to four lbs of blood, without being much attending altered in appearance - Botallus says that where a man dies from too much bleeding a million die for the want of this remedy, being used in a sufficient degree - In the use of the lancet, the Physician becomes the servant of Nature, he draws into a bowl that superabundant blood, which if not drawn would probably kill -

Odontalgic State of Fever - the teeth being supplied with nerves and arteries are affected with fever - the pain is dull, acute, jumping and exquisite at times - so great is the pain, that temporary madness has been induced in two instances, I have heard of -

Its causes are direct as alternate heat and cold - hence it occurs most in Spring and Autumn -

It is unknown in Tropical Climates—
 there cold and heat are not alternated—
 Spence, late of this City, drew
 more teeth in summer than at any
 other time—hot and cold drinks bring
 it on—all such substances as corrode
 the teeth induce it—whatever offers
 violence to the teeth and tends to
 weaken them—hard crusts of bread
 injure the teeth—chewing hard and
 unripe fruit—biting thread—sugar
 and salt are said to injure the teeth, but
 this is only when a nerve is bare—
 The indirect causes of this disease,
 are Gout, Scrophula, Rheumatism,
 and Dyspepsia—Gout has thrown
 teeth out of their sockets—hard
 and ungrateful sounds produce
 tooth ache—these causes produce
 disease in the gums and expose the
 teeth to the action of cold—here the teeth soon be-
 come brown or dark colored—they
 produce a decay or gangrene of the
 enamel and thereby expose the bony
 part of the teeth—they produce dis-
 ease in the roots of the teeth—

130 This disease often discovers itself in tumors of the lower jaw, which tumors sometimes suppurate - This disease occurs only in the canine and molars teeth - one attack of toothache leaves a predisposition for another, from its remote causes - there is what is called sympathetic toothache - here a sound tooth is affected - The remedies are extraction when practicable - but this is often forbidden, by the difficulty of getting at the diseased tooth - by a disposition in some people to faint hemorrhage - by swellings of the face and jaw - this is cured by bloodletting - pregnancy forbids the extraction of teeth - bleeding has saved many lives - it must be used, especially when an epidemic prevails - I have known it often to precede an attack of Yellow Fever - the whole system often sympathizes with toothache - Dr Physick had violent toothache in an attack of Yellow Fever and he lost 120 ounces of blood - when the disease is local, it is often cured by local bleeding - this is done by cutting the gums - using cups, leeches &c. Purgings does good - blisters behind the ears afford relief - a fig or raisin

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roasted may be applied to the diseased tooth - these act by being a counter stimulus - exciting a blister also on the gum by applying a piece of cotton to it moistened with Linet. Cantharides, made with 3℥ of Filix infused in a pint of Spt. Wine - Erhines do good - Calomel and loaf sugar mixed is a good erhine - garlic to the soles of the feet - jay and terror has done good - Laudanum in large doses, when the above remedies fail - opium in the hollow tooth - external applications are used - a plaster is employed composed of Wax 3i - Powdered opium ʒij and Pepper ʒi - Ginger and Silken made into a paste does good in some cases - 3℥ of Ginger mixed with a ʒ℥ of Laudanum, is a good compound for a plaster - must and behind the ear gives relief when toothache is brought on by other diseases, use the remedies proper for such diseases - If it attend Bitch's fever, use Emetics - Stop up the hollow tooth with Gold leaf - or burn the nerve with a red hot iron - decayed teeth should never be tolerated for they predispose to toothache -

They discharge a corrosive matter which
 ulcerates the parts—They impair mastication
 and deglutition and injure digestion—
 you cannot cure Dyspepsia while a patient has bad teeth—
 They occasion fetid breath—They create
 tumors in the mouth which cannot be
 cured till the teeth are extracted—I
 have known them to produce Electric fever
 which terminated in death—the eyes
 often sympathize with diseased teeth—
 the teeth are the inlets of some diseases—
 Dyspepsia, Rheumatism, mania, vertigo,
 obstructed menses and Intermittent fever
 have been occasioned by decayed teeth
 and all but one of these have been
 cured by extracting the teeth—It is
 sometimes necessary to puncture the
 antrum maxillare before the pain of
 tooth ache is removed—Sometimes it is
 necessary to extract 7 or 8 teeth
 before, this disease can be cured—I
 have cured Epilepsy by the extraction of 4
 or 5 teeth, that had never ached—If
 pain attend loose teeth, it is so much
 the better—it shows the disease to be

concentrated in one part - Crooked
 teeth like deformity in every other part
 instance, are attended with disease -
 Let your teeth be extracted as soon as
 they become loose - regular and straight
 teeth will remain sound much longer than
 crooked teeth - a tooth should be ex-
 tracted as soon as it is known to be
 rotten - teeth are not good when they
 grow too close - remove a decayed
 tooth as soon as it becomes painful
 or will not bear chewing with it easily
 avoid the use of acids - sleep with the
 head covered with night caps - wash the
 jaws and behind the ears every morning
 with cold water - wash your teeth
 after every meal - avoid hot or cold
 drinks - never crack hickory nuts
 with your teeth, nor bite your nails -
 clean the tartar from the roots of the
 teeth - a weak solution of vegetable
 alkali is a good wash for the teeth -
 the fine powder of charcoal is an ex-
 -cellent dentrifice - the bark is good
 where the teeth are weak - brown
 and black spots should be removed

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by means of a file - teeth seldom
decay after the 50th year of life -
that is after the period in which inflam-
-matory diseases have prevailed - they
become loose and drop out after so
owing to absorption of the sockets -
For the mode of extracting teeth, I
refer you to Surgical books -
The inconveniences arising from loss
of teeth are obviated by art, in a
certain degree - teeth are put in, but
they do not grow firm, like ^{the} old ones -
the tooth adheres to the jaw only as
a nail adheres to a board in which it
is driven - dried teeth should be pre-
-ferred to such as are recent, for the
latter often produce inflammation and
ulceration - the roots of these teeth,
soon rot and ^{they} fall out - I cannot re-
-commend this practice - another mode
is by prising with a piece of silver,
but this practice only looks well -
another mode is by tying artificial
teeth to adjacent sound ones, by

means of strong thread - this is the best mode - two sets of such teeth should be used and they should be often changed and cleaned - when the teeth are all gone, a whole set may be introduced -

Hemorrhoidal State of Fever.

This is a local disease - but it is often produced by morbid excitement of the system - the symptoms attending it are pains in the loins, with heaviness, quick pulse, pain in the head - pain in the rectum with or without swelling - when there is no swelling the disease is called the Blind Piles - It most commonly attacks adults - It affects women more than men - it sometimes induces Dysury and Strangury - Gonorrhoea - it is often a symptom of Gout - its causes are costiveness - the use of acid purges as aloes - the use of bitters - hard riding - long walks - sedentary life, hence it affects women greatly - Dissection shows us that the tumors consist externally of the

136 Skin of the anus and internally
of the membrane of the rectum -
the remedies are bleeding both
general and local - the latter is
done by leeches or a lancet - Copious
bleeding is sometimes very necessary -
I have bled 100 ounces in 12 bleedings -
I have known great benefit from
the loss of 6 drops of blood from the
tumors - Lenient purges, as Sulphur,
are useful - clysters to open the bowels
a diarrhoea sometimes attends this
disease - cold water injected is useful -
a horizontal posture, mild liquid
aliment should be attended to -
cold water abates pain and often
cures after depletion - poultices of
bread and milk to the parts - the
following is used - Bread ℥vi -
Pulp of apple ℥iij, and a little
lead water - make it into a poultice -
liquid laudanum mixed with sweet oil
and applied on cotton to the rectum is
useful - sitting over the vapor of
warm water - the smoke of burnt

leather has done good - an aintment
made of equal parts of Tar and Hogs
lard - Stramonium aintment - this is
excellent - To make it, take the
stramonium when in flower - steep
the leaves in hogs lard and strain -
an aintment is used made of 3/4 of
Hogs lard - of Sugar lead & Galls
each 2i - Mix - White lead with
sweet oil forms an aintment that is
sometimes employed - tobacco leaves
are made use of - pressure on the
tumors - this disease when left to
itself, terminates in Bleeding Piles -
sometimes in Suppuration and Fistula
in Ano - Small indurated tumors
with and without pain - these when
internal, produce headache, consti-
-ness &c - External piles must be re-
-moved by ligature, never by a
knife - the tumor soon drops off -
I have known prolapsus ani and
even mortification to follow neglected
Piles - they may be prevented by
Bleeding very copiously used -

130 Bleeding is more necessary on account of the distance of the parts from the centre of the circulation - The Prophylactics or preventatives of this disease are lenient purges - vegetable diet - ablutions of the parts with cold water - a diet of Indian meal made into mush is good - using a sponge instead of paper after going to stool - avoiding all the exciting causes of the disease - The Mahometans are said to wash the region of the anus with cold water after every stool and thus they avoid the disease -

Ophthalmia is morbid excitement in the eyes - I refer you to Cullen for an account of symptoms - the worst cases are those in which no inflammation takes place - this is called dry ophthalmia - it is clearly described by S. Willch - by bleeding we reduce the vessels to the grade

of inflammation —

The remote and exciting causes of this disease are such as produce all fevers it has attended Dysentery and Plague — it is produced by miasmata — it prevails where Bilious diseases are endemic or Epidemic — Dr Cleggman says it is a common disease in *Munroca*, and there Bilious Fever is endemic — it is produced by whatever creates a determination of blood to the head — it may be produced by acrid matter translated to the eyes as venereal virus — small pox or perspirable matter — To this latter cause *Ascelini* attributes the ophthalmia of Egypt — impure air has produced it — heat and light are the predisposing causes of this disease in many persons, as *Masons &c.* — diseases in parts connected to the eyes by association may produce this disease — bile in the stomach and the venereal disease act thus — Certain substances and effluvia acting chemically or mechanically, produce this disease —

140 Volatile matters affect the eyes
and produce ophthalmia - Pring
cleaners are affected with this disease -
hair dust and the pollen of plants
produce this disease - the latter is
a frequent cause in new countries -
reflection of light from the sun produces
this disease - The disease is often brought
on by suppressed perspiration -
excess of light in reading and writing
is injurious - working by candle light
injures the eyes - hot winds, drunken-
ness, excess in venery, wounds and
strokes in the eyes, dew and night air
all produce this disease -

Our indications of cure should be 1st To
remove all the exciting causes - 2nd To
remove morbid excitement 3rd To give
tone to the eyes - The light of a fire
should be avoided - Darkness should
be our first prescription in Ophthalmia
blood letting general and local should
be used to remove morbid excite-
ment - the last is done by cups,
leeches and Scarifications -

When we rely on venesection, the ¹⁴¹
bleeding should be very copious, as the eyes
are so far removed from the centre of
circulation - In our climate general
bleeding should precede local - A
regard should be had to climate in the
use of the Lancet - gentle purges -
low diet - blisters on the neck and
behind the ears - Cold water - this
should not be used too soon else it
will increase the disease by reaction -
milk and water or poultices - To
strengthen the eyes, use stimulants
and tonics - wine and water may be
used as a wash - vinegar and water
weak Spt of Turpentine and water -
infusion of galls - salt and water -
lead water - R^o Super Sulph. Zinc Zi
acetat. Plumbi Zi^r Aqua i quart -
another Recipe - R Gum. Opii Zi -
Pulv. Gallar. Zi^r Aqua Zi^r - Mix
drop some of this into the eye - Ether
has been used - to remove acrid matters
which often collect in the eye and to

142 obtains acrimony use the following -
℞ Lapis Calaminaris - Sweet oil or
fresh butter - mix them to form an
ointment - When ophthalmia arises
from inverted hairs, extract them -
when from particles of vision, extract them
with a load stone - if all these remedies
fail use a salivation, to touch the mouth
gently - with this I have often succeeded -
Emetics should be used especially where
the Stomach is affected - in chronic
affections, use Issues, setons, Bark,
Muff &c - Exercise, steel -
When ophthalmia follows translation of
a disease, that disease must again be
induced - when from translated Gout
apply blisters to the ancles - when from
Gonorrhoea, induce this agent again by
strong injections -

Gstic State of Fever is known by the
pain about the region of the bladder -
a total suppression of urine also
tenesmus attends this disease - the neck
of the bladder is often diseased - it is
inflamed at the neck - this disease
seldom confines the patient or prevents

him from eating his allowance — so much
 the worse — this disease is occasioned by
 substances taken into the body, as
 Cantharides, Turpentine, nitre and
 Laudanum have induced it from Idio-
 -synchrony — irritation of Calculi produces
 it — irritating injections thrown into
 the urethra — I have known it induced
 in a Student of medicine by an
 Injection of Sugar of lead — the indi-
 -rect cause is mostly Gout — When
 the pulse is full, let the remedies be
 bleeding, general and local — the bleeding
 should be very copious, because the
 neck of the bladder is so far remote
 from the Centre of Circulation — this is
 one reason why inflamed bone is fol-
 -lowed with Suppuration — gentle
 purges and clysters should be used —
 Cold water and ice to the perineum
 give instant relief — the catheter
 should be used if practicable — demul-
 -cents — Laudanum by the mouth and
 anus — a tea Spoonful of sweet
 oil and Laudanum on cotton, applied
 to the anus, does great good —

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After these remedies have been used a suppression of urine often follows a long time - The ob. Succini, Tar, Bark &c are used - tonic, & stimulants - When neglected, this disease is followed by a variety of bad symptoms -

Atalgic State of Fever is a common disease in a child - It now and then attends Influenza - use bleeding - purging, blisters behind the ears, laudanum, smoke of tobacco injected into the ear - sugar burnt on the coals and the smoke conveyed into the ear - if Suppuration take place, use Cataplasms - bloodletting prevents Suppuration -

Apthous State of Fever -

Sore mouth and Sore throat is not a primary disease, when accompanied with fever - it is a symptom of general fever - the apthae are an attempt of Nature to throw the disease off by the mouth - children and women are most subject to it - in the former it often destroys the gums & loosens the teeth.

it is the form of the fever attending marsh
 miasmata - now and then it attends the
 close of chronic diseases - I never saw
 a recovery in Consumption, with an
 apthous state of the mouth - it some-
 times appears at the close of Diarrhoea
 and then the apthae are fatal - In
 acute Pleurisy, it is favorable - I
 have seen it terminate in Cyanosis
 Trachealis in children - Bleeding
 should be used if the pulse is full -
 purges, Calomel, gargles, blisters &c
 are used - a little muriatic acid
 in Mel Rosarum makes a good gargle -
Scrophulous State of Fever -

Scrophula is attended with several
 ways - the disease is not solely con-
 fined to the lymphatics - the lymph-
 atics are sometimes affected in a
 secondary manner - thus it is on a
 footing with Jail Fever - It has
 been called the Glandular Disease -
 the arterial system is always affected -
 it affects various parts of the body -
 when it affects the teeth and bones
 it is called the Rickets - it prevails

146 in marshy countries - It rarely occurs in the U. States - though often in England - read Hamilton's treatise - it is a misplaced state of fever - its remote and exciting causes are marsh miasmata also heat & cold succeeding each other - its symptoms are a cold and hot fit succeeding each other - pain and inflammation - furred tongue - it sometimes produces sudden death - The blood is not always sizy - the absence of sizy in the blood occasioned this disease to be called Putrid - but the vessels were probably diseased beyond the sizy point. It most commonly affects children and the reason is that their glands are large in proportion to the body - it is induced by unwholesome water, which also creates Yellow Fever; it is always attended with the lymphatic predisposition - scrophula terminates in Resolution, inflammation, suppuration and Cancer - the tumors contain air, worms, a white matter like

land &c &c. it has been supposed that
Scrophula induced Consumption - The
premonitory signs of this disease are
smooth face, hectic fever, unusual
vivacity and intelligence in children -
the moderate use of tonics, air and
exercise often prevents this disease -
Bloodletting should be attended to, if
the pulse be full - to this remedy, add
purges, low diet, barks if there be pains
in the bones - sal soda, common salt.
Epsom salt, sea water, calomel with or
without opium - cold bath - generous
diet - exercise - muriate of lime - ban-
dages round the limbs - a change of
climate has cured this disease - &
Some recommend sea air, others a flight
from it, some advise low diet, others
cordial food - they are all right and all
wrong, according to circumstances - in the
inflammatory state, sea air is hurtful,
so is cordial diet - In no disease is it
more necessary to change the remedies -
attend to the pulse in this disease in all
your prescriptions - the tumor called

146 Goitre is of Scrophulous Nature -
It prevails in the Western part of this
State - it is common where sore eyes
are prevalent - it is common among
horses, hogs and dogs - it some-
times goes off ~~of itself~~ spontaneously -
the disease is increased by moisture -
it seldom attacks after the 25th year
of life - all countries are subject to
it - it is worst in pregnancy and is
affected by the weather - no certain
cure has been found for it - bark,
mercury and salt have been used -
I formerly thought with Dr Barton
that the disease was misplaced Inter-
mittent fever -

Scorbatic State of Fever - This is
produced by all the remote, predisposing
and exciting causes of fever - it is a
misplaced state of fever - in Holland,
its most frequent cause is cold - it is
also occasioned by miasmata - it requires
a degree of cold below 68° to induce it -
it disappears in Spring when the
Mercury rises above 70° -

another cause is unwholesome animal
 and vegetable food - bad bread induces it -
 a scanty allowance of wholesome food
 induces it - a diet exclusively of milk
 tea or coffee induces it - Dr
 says he became scorbutic by living 8
 months on milk - it is said in some
 measure to depend on the want of af-
 -similation in the particles of the blood -
 a plentiful use of hickory nuts has
 induced it - depression of mind - of this
 Dr Lind relates a remarkable instance
 Scurvy may be induced by acrisper-
 -piration - I do miasmatic exhalations -
 the blood in Scurvy is rick, fluid and
 sometimes dissolved - this disease is pre-
 -ceded by debility and depression -
 It is a febrile disorder - it is in fact
 an epitome of all the states of dis-
 -ease that have ever been described,
 for it puts on all the forms of disease
 the bleeding gums attends the gan-
 -grenous state of fever - read Lind on
 the Scurvy - The changes in the fluids
 have not been detected by Chemists -

Dr Trotter believes it to depend on the abstraction of oxygen from the body - but it may be produced by an excess of oxygen - Sir Jno. Pringle says that Scurvy is produced by the slow operations of the same causes as produce Jail Fever -

The remedies are various - they should be accommodated to the state of the system - if the pulse be full and tense, draw blood - this is very necessary - I have cured patients of Scurvy by this remedy - the blood when drawn is often Siry - the Scurvy at New Orleans was cured by bleeding - remove all the remote and exciting causes - use nitre dissolved in vinegar - fresh vegetables - raw potatoes put into vinegar and eaten daily cured Capt. Decatur's crew - Sudden jay has cured this disease - The preventatives are acids, as limes, oranges, concrete Citric acid - sour crant - fermented liquors, as cider - bread instead of biscuit - cleanliness - tea and coffee as a part of diet - avoid the exciting causes - use Bark -

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Hydrophobic State of Fever now and then occurs —

The Convulsive State of Fever

this sometimes throws the muscles into violent spasms — children are most subject to it, but adults are often affected with it — It frequently attends the autumnal fever — it is produced in violent fever, by the least motion of the body — its remedies are bleeding and when it is a symptom of other diseases, use the remedies proper for such diseases —

The Hysterical & Hypochondriacal State of Fever — In the

latter the ~~the~~ brain is affected and the patient labors under a Death Phobia — in Hysteria, there is a disposition to shed tears — hysterical cases are generally very troublesome — they are attended with a ball in the throat called Globus Hystericus — In Hysteria, although the nerves are affected, yet the vessels are primarily

affected and veno Sect. is requisite -
 to give *assafoetida* with a ^{soft} pulse,
 would be useless, opium would be
 injurious - The remedies for these should
 be adapted to the fever of which
 they are symptoms -

The Cutaneous State of Fever - this
 is a fever suffocated in the skin - it is
 distinguished from the eruptive by being
 in a suffocated state - hence rarely
 attended with heat, quick pulse or thirst.
 Leprosy is a suffocated state of fever -
 it may arise from the same causes as pro-
 duce Autumnal and Malignant fevers -
 Cutaneous diseases are common in Egypt -
 there, they are owing to a translation of
 disease to the skin - we should attend to
 the pulse - the remedies are veno Sect,
 purges, sweats, low or full diet according
 to the state of the system -

X Apoplexy marks the
 highest, Coma the lowest
 grade of these diseases -

of Diseases as they appear in the Blood vessels and nervous system (in the latter of which are included the nerves, muscles and brain also the mind) and the elementary canal, predominating in each of them more or less, according to circumstances.

The same Unity that pervades the arterial system, is prevalent throughout the nervous system — (great charm)

apoplexy — here the blood vessels, nerves, muscles and mind are ^{all} affected. Drunkards have apoplexy and Epilepsy alternately — Epilepsy seldom ends in any other way than in apoplexy, when it destroys life — Palsy sometimes terminates in apoplexy — of these, apoplexy is the highest grade — apoplexy, Epilepsy and Coma often affect children — Hooping Cough and measles often end in apoplexy — in then it assumes a chronic form — Convulsions are of two kinds, transient and permanent. Epilepsy is nothing but Chronic and periodical convulsions — ~~Convulsions are~~
Epilepsy, apoplexy, Coma let loose —

154 Sometimes the force of disease in apoplexy prostrates the system ~~at~~ below the point of reaction & produces general disorganization — apoplexy is known by a suspension of all the external and internal senses — the voluntary motions are suspended; there is sleeping & the sleep is attended with snoring and is so profound as often to destroy life — the greater the snoring in sleep the more liable is the patient to apoplexy.

Patients in apoplexy often swallow liquids put into the mouth — the disease may continue from 1 minute to 10 days — vomiting sometimes takes place — the peristaltic motion of the bowels goes on, but the sphincters of the rectum and bladder refuse to act in a natural way — they are moved involuntarily — the pulse is mostly synocha, synochus, depressed — intermitting or slow — the pulse sometimes descends to 9 strokes in a minute — The duration of a paroxysm of apoplexy is from 1 minute to 10 days —

The remote and exciting causes are
intemperance, indolence, sedentary life,
long and constant Contemplation on
a particular subject — Baglini
says Apoplexy was once Epidemic in
Rome !!! Insolation as it is called —
a stroke of the sun has produced it —
the latter is not a cause of Apoplexy
in Africa, where the sun is uniformly
hot — loud and long speaking induces
Apoplexy — I have heard of it being
induced in this way in ² Players and 2
Preachers — Mrs. Pope the actress fell
dead on repeating the following words
"Is there not another and a better
world" — Impure air particularly
azote in crowded assemblies — tight
dresses — indigestible aliment — worms —
great heat in the head — contusions —
the smoke of tobacco — Emetics operating
to excess — violent straining in dis-
-charging feces or urine — in parturition
fumes of lead and mercury — long
stooping — intoxication — the stoppage
of an usual hemorrhage —

156 The retrocession of Cutaneous
Eruptions strongly excited passions—
as joy, anger &c also extremely warm,
damp, or cold weather—cold feet—
full meals—heavy suppers—the neglect
of customary bleeding—absence of Gout
after having been periodical—a scruple
of Opium injected into the bowels has
brought on Apoplexy—Electricity—
intemperate use of Tobacco in chewing
and smoking—suppressed salivation—
sudden change in the weight of the
air—fevers of all kinds especially
such as are Malignant—long protracted
headache—Colic—Pressure in the brain—
All these causes produce Apoplexy.—
The blood is sometimes effused into
face—this I have called Facial Apro-
-plexy—bleeding at the nose com-
monly attends this—the face in this
apoplexy is partly red and partly
black—I can see no difference be-
tween the symptoms of Apoplexy from
effusion of water and blood—I have
known drunkards attacked with

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a dozen fits - It is said to affect persons chiefly in the decline of life - I have known it to affect young persons and those of slender make and long necks as much as those of short necks - women are subject to it - apoplexy is an hereditary disease in some families - It occurs most in autumn and Spring -

The Premonitory Signs are 1st Elevated excitement - this was the case with S^r Darwin who died in a fit of apoplexy - drowsiness, giddiness, vertigo - headache - numbness in one limb after lying on one side - night mare, when not natural to a person - snoring - absence of habitual Piles or Gout - dull or false vision - tinnitus aurium - flatulency of stomach - dull hearing - cold feet - faltering of the tongue - colicky pains preceded the death of the Empress of Russia - she died of apoplexy - loss of memory sometimes precedes it -

158 I have seen all these signs -
Whenever a Physician sees any one
of them, he should take the alarm -
In the forming state the loss of
15 ounces of blood and a purge with
low diet may prevent the complete
formation of the disease - In this
way I have it was often prevented
in the late Dr Darwin - the state
of the pulse is sufficient in many
cases to create alarm - the brain is
an imperfect viscus and will suffer
no delay - you must therefore attend
to it - when you are called to a patient
in this disease completely formed, first
clear out the room - loosen all the
clothes - open the shirt collar - untie
the garters - Air which has once
been respired is poison to a person
whose life is suspended by a single
thread - frictions and volatiles should
be avoided - elevate the patient's
head - bleed immediately according
to the habits of the patient -

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bleed from both arms at once - the blood should be drawn suddenly - from $\zeta x x$ to ζc may be drawn - cups may be applied to the head - one hour in the disease disorganizes the system more than in any other disease - sometimes we must draw the blood gradually, that is a few ounces at once - this is called the Riverian method - it is used where the pulse is low - the pulse soon rises and you may bleed freely - I have heard of a fit being removed by a few spoonful of salt being put into the mouth - Worms have been used - they should be taken where the disease has been induced by a full meal or by worms - bloodletting should always precede their action in order to render them safe - when emetic medicines will not vomit, thrust a feather down the throat - this has been done by Dr. Jones of England - the bowels should be emptied by active purges

And clysters - cold water or ice should be applied to the head when hot cut off the hair - if these remedies fail recourse must be had to the following Stimulants - Blisters to the arms and legs - Cataplasms to the ~~torax~~ wrists - actual Caution - frictions - acrid clysters - intense light and electric shocks -

The following are unfavourable signs - it is dangerous in young men and fatal to children - I never saw but one young man recover from it - few recover who during a fit move their hands to their heads - it is fatal when one side of the body is convulsed - a chilly fit is mostly fatal - a full, bounding or slow pulse & foaming at the mouth is alarming - a white face is more alarming than a red one - just as a white face at drum-heads is more alarming than a red face - the absence of fever is alarming - an intermitting pulse after bloodletting is alarming - it is most fatal when it comes on without premonitory signs - it indicates the rupture of a blood vessel - The presence of fever and a quick pulse in

the first attack is favorable - palsy on one
 side is favorable - gentle sweats are fa-
 vorable - stupor, drowsiness or dullness of
 memory sometimes follows apoplexy -
 Apoplexy in horses is called - the
sleepy Stagger - Interment should
 not be hastened, after supposed death
 from apoplexy - The means of preventing
 a recurrence of the disease are 1. Tem-
 perance - gentle diet - the stomach
 should neither be full nor empty -
 the quality of the food, if animal,
 should be cordial - avoid a change in
 diet - avoid all exciting causes - avoid
 a change in the hour of eating -
 the stomach should neither be full nor
 empty - drinks should be stimulating
 as Madeira wine and water - use
 garlic - gentle exercise - drains from the
 head by setons and issues - persons dis-
 posed to Apoplexy should not leave off
 smoking or chewing, if accustomed to it -
 avoid coarseness - old sores should be
 tolerated where there exists a predisposition
 to Apoplexy - Patients predisposed to this
 disease should keep up a constant de-
 termination of blood to the feet, by

wearing warm stockings - or a plaster of Shoemakers wax to the feet - the latter cures cold feet -

Of Palsy - this arises from the same causes as induce Apoplexy - in fact palsy is half an apoplexy - sleeping uniformly ~~induces~~ on one side induces palsy - it has nearly the same signs as apoplexy - I have seen it attended with a loss of the power of spelling - weakness of one side - convulsive motions of the eyes and lips - it sometimes affects the muscles and nerves on one side only; this is called Hemiplegia - Paraplegia is Palsy affecting half the body transversely - it often occurs in wounds of the Spine - the bowels are affected with Palsy when the limbs are - all the cases of palsy unconnected with pressure on the Brain, depend on pressure on the nerves, by tumors, or local congestions, lesions of nerves, or upon a loss of excitement and excita-

-bility of the nerves and muscles only,
 independent of the Brain - this is the
 case in persons who work in lead -
 all ages are subject to Palsy - It seldom
 comes on till the venous plethora takes
 place - persons beyond 50 years of
 age are most subject to it - the
 pulse is fullest on the unaffected
 side and pain is most acute there -
 a preternatural flow of urine often
 attends this disease - I have observed
 a disposition to shed tears attend
 this disease - I have seen Sore
 Throat attend it - the tongue is
 sometimes white on one side and red
 on the other - loss of appetite in
 some and inordinate appetite in others
 is an attendant on this disease -
 it is sometimes a filial disease -
 it affects at times all the faculties
 and especially the memory, with regard
 to time, place and ideas - the senses
 are generally impaired - I have seen
 the sense of taste totally absent -

164 The sense of smelling has been rendered very acute by it - The late Gen^l. Muhlenberg could not lift his arm except he looked at it - this is a singular fact and shows the influence of the mind in disease. I saw a case in which the patient had no motion in his limbs for 4 years, but his senses were perfect. Persons who have recovered from Palsy are subject to a return of the disease, but to this I have known two exceptions - Recovery of Palsy on one side of the body is sometimes followed by Palsy on the other side - all the viscera are subject to Palsy, as the Stomach, Liver &c - sensation and motion are sometimes both annihilated in this disease - sometimes an inability to speak attends this disease - this may arise 1st from an affection of the head - 2^d from a palsy of the tongue - 3^d from an obliteration of all language - Palsy like other diseases has its stages - in the first stage there is mostly fever, in the latter stage there is an absence of fever

The Premontory Signs of this disease are nearly the same as those of Apoplexy. When the disease is formed and is seated in the Brain, the remedies should be 1st Bloodletting in the febrile state. I have drawn 100 ounces of blood in a case of this kind — we are often foiled in the use of this remedy by not using it freely. Sometimes the blood should be drawn gradually — that is where there is no oppression of the blood vessels — after the pulse is reduced, Emetics are employed — also Purges — Blisters — The warm bath, though not heated above the animal heat — use cold bath after depletion — this often creates a sense of warmth — Issues in the arm and Setons in the neck — perpetual blisters are better — Salivation — The excitement of the stimulating passions has often cured this disease — the cry of fire has cured it — certain Stimulants may be taken into the mouth, as Salt — radix Pyrethri — Electricity —

Electricity has cured Palsy of 35 years duration - it should not be used till the pulse is reduced - the extraction of decayed teeth has once cured this disease - tying down the sound arm has cured the paralytic limb - it determines more action to the paralytic limb - when the disease is partial and confined to the hand, with tremors attending, a ligature ~~has~~ tied round the wrist has effected a cure - Palsy of the organs of speech is cured by local remedies - The first symptoms of recovery are generally in the voice, speech and next in the limbs - When Palsy is confined to the limbs and their excitability is expended, the remedies should be external and internal - In this state of Palsy, the mental faculties are unimpaired and the tongue is not affected - It is generally preceded by a blow or by falls - the pulse is regular - use the Vol. Tinct. Guaiac. - Steel, Iron, Garlic, Horse Radish - Opium is

recommended by Heberden —

The External remedies are Charaith,
Frictions and Acid Substances of all
Kinds — use more of these where the
pulse is active — Opt Turpentine —
Cayenne pepper infused in Rum —
Cold Bath — Electricity — weights ap-
pended to the affected limb —

Prognosis in Palsy — pains attend
in Convalescence and are always favo-
rable — There are other causes that
cure Palsy — I knew Small Pox to cure
it — Palsy of the lower limbs is more
curable than when it affects the upper
extremities — insensibility in the affected
limb is a bad sign — pains, swelling,
and itching are bad signs — sweats are
unfavorable — Palsy from suppressed
discharges are dangerous — The Pro-
phylactics in this disease should be
the same as in Apoplexy — avoid
sleeping on one side constantly and
avoid the mastication of food on one
side of the head, only —

Catalepsy is only Epilepsy in another form — it is produced by a moderate congestion of blood in the brain — ^{patient does not fall.} Apoplexy sometimes induces it — it may be produced by constant contemplation on one subject — its remedies are Blood letting — strong or weak Stimulants according to the state of the system — sudden joy has cured it —

Lethargy or Coma ^{& Carus} is a disposition to sleep longer than is natural — it is an inferior grade of Apoplexy — it lasts sometimes for 26 days — the sleep is sometimes very profound, so much so, that the roaring of a cannon will have no effect in some cases — The remedies should be Blood letting or Stimulants according to the state of the system — purges, low diet — avoid all exciting causes —

Wakefulness often becomes a disease and a very distressing one too — It affects middle aged people —

In fevers and nervous diseases, there is often a total absence of sleep for weeks without any injury to the system it is induced by corporeal and mental causes — great fatigue especially from pleasure induces it — also strong tea and coffee — small doses of Opium — Bark — noise of all kinds — great flatulency — cold feet —

The mental stimuli are undue exertions of mind — vexatious business &c. it affects persons of the nervous predisposition most.

It was the disease of the celebrated Rousseau — It occurs frequently in the evening of life — old people seldom sleep long or sound — When the excitement of the system is above the sleeping point, use blood letting, cupping, purging, low diet, and abstinence — labor in the day and exercise in walking just before bed time to reduce the excitement of the system — profound darkness and silence — lying on the back — This employs fewer muscles than lying on the side and creates less excitement — sitting up in bed or in a chair — warmth applied to the feet

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by means of heated bricks and bottles
of warm water - Concentrating the mind
on one subject, thereby wearing down the
excitement of the system - counting a
hundred backwards produces the effect -
listening to the fall of water down a
hill or from the mouth of a tea pot -
listening to an Italian harp - a
human voice when melodious, dis-
poses to sleep - When the excitement
of the brain is below the sleeping point,
use stimulants as opium - hop Bason
Tincture of Hops - tea and coffee -
assafoetida - I have known two pills
of assafoetida produce sleep when
opium would not - eating a supper
before going to bed, sometimes elevates
the system to the sleeping point - a
glass of porter will do the same - a strong
light may elevate the system to the
sleeping point - sleeping on one side -
a bag of hops under the head - going
to bed every night at the same hour -
we should always encourage patients
laboring under this disease, by telling
them that we have seen others in a

Similar state recover under much worse symptoms - If the blood vessels are excited and the excitement of the nerves reduced, bleed for the former and stimulate for the latter

Vertigo comes next in order - It derives its name from one of its symptoms, that of turning or reeling round - the disease may occur at all ages - ^{and sexes.} at puberty and in the decline of life - It has the following grades - 1. a turning round of objects - 2 an elevation ^{& depression} of objects - 3 Trembling of the head and fear of falling - 4 A fear of falling - 5 General trembling - 6 - False Vision - tinnitus aurium -

It is alarming where the whole system seems to partake of the disease - It is seated in that part of the sensorium commune, which is connected with the organs of seeing and hearing - the Causes of this disease are transient and permanent - it is induced by viewing objects from a

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also Operation -

viewing a few of them -

According to Darwin -

chiefly from ripened excretion -

+ great height, sailing - riding in a carriage seated with the back to the horses - stooping, ascending a winding pair of stairs - concussion of the ground by an earthquake - undue efforts to hear, by deaf persons -

The disease is often prevented by shutting the eyes - the permanent causes of this disease are ^{local causes} wounds, contusions and concussions of the brain - insolation - worms in the frontal sinus - tight ^{general causes are} ligatures on any part of the body, especially the neck - strong coffee, tobacco, plethora from all its causes - Gout, Epilepsy, fevers of all kinds, costiveness - bile, worms and wind in the stomach and bowels - indigestible aliment - this is cured by puking - Remedies for Vertigo should be accommodated to the state of the system when the disease affects the whole system, use frequent and copious bloodletting I have used this remedy for 3 years as an alterative, in a lady of this city, and have thus cured her

o. to the head & warm to feet -
to the head and warm to feet -

+ a dream -

disuse of coffee has cured it -
disuse of coffee has cured it -

+ and at puberty -

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It is favorable, when bleeding induces
Headache - Purges are good - reduced
diet and abstinence from the use of
ardent spirits - blisters to the ex-
-tremities and behind the head - ^{ears}
cold head water - a plaster of shoe-
-makers wax to the feet - when the
pulse is reduced, use tonics, as garlic,
the preparations of Iron - gentle
exercise - avoid all the remote and
exciting causes - use tobacco spa-
-ringly, and if possible, dispense with
its use altogether - avoid tight lig-
-tures - customary evacuations should
be continued - avoid Costiveness -

Headache comes next - This may
and does affect all ages above pu-
-berty ^{and at puberty} - women are most subject to it -
with them it is a symptom of Gout
and hence I have said, there are ten
gouty women for one gouty man -
It sometimes occurs in paroxysms
with remissions - Sometimes with
intermissions - Sometimes it is con-
-tinual -

+ attacks, robust people —
 from Rheumatism & Gout swelling attends —

Gleaden from causes acting on the head
 2 — do. do. do. in the vessels
 3 — in the nerves —
 4 — in the mind
 5 — in the senses

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The remote and exciting causes of Headache act on the nerves, blood vessels, mind, senses and stomach - it is produced by contusions, mal-conformation of the brain, abscesses in the ears and frontal sinuses, decayed teeth - the causes acting on the blood vessels ^{primarily & chiefly} are fevers of all kinds - headache often precedes an Epidemic, as its solitary precursor - it is relieved by pains in other parts of the body - I knew a case of Gout of 16 years standing to alternate with ^{& headache} gleet - Headache is sometimes a Rheumatic affection - it is produced by great heat and cold - puberty brings it on - The Strife between the venous and arterial Systems, between 36 & 40, is attended with Headache - Cessation of the menses is often attended with this disease - obstruction of the piles - Costiveness, condylomata - tight dresses round the head and neck or feet produce headache - it may be induced by impressions made on parts, from which sensations are

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conveyed to the head ^{by the nerves} - a certain state of the air with respect to thunder and lightning induces Headache - Certain sounds, unusual wakefulness - severe study, too much sleep - terror, anger, joy, looking down from a great height, certain odors, full meals, indigestible food - fat meats, all induce headache - It often depends on disease of the stomach - the priority of the disease in the stomach to that of the head will teach us which was first affected - We now and then see persons who ^{have} never had Headache - It may affect one half or the whole of the head - In the former case it is called "Hemicrania" - This disease has its remissions and exacerbations - sometimes the pain is dull, sometimes it is acute - In many cases, the scalp is sore to the touch - the pain often continues in a chronic manner for years with very little remission - I have known it come on with the rising

and retire with the setting of the sun -
 Some people have it at stated periods -
 in these cases it is generally in the ar-
 terial system. Dr Boerhaave justly
 supposes this disease to be seated in
 the dura mater - Dissection has
 shown the dura mater to be more dis-
 eased than any other part in persons
 who have died of this disease - The
Remedies for Headache should differ accor-
 ding to its various causes and symptoms.
 It is incurable when it depends on mal-
 conformation - when it depends on
 local causes, the remedies are bleeding,
 blistering, cupping, leeching &c. - these
 remedies have often prevented the ne-
 cessity of using a Trephine - In
 Headache produced by decayed teeth, let
 such teeth be extracted - when it depends
 on an Epidemic, use the remedies
 proper for that Epidemic - Blood-
 letting is the more indicated, from the
 effects of Headache when neglected,
 as deafness, blindness &c. - Twice
 the quantity of blood should be drawn,

182 when the disease depends on gout -
Emetics are used, also purges, blisters, &
if these fail, resort to a salivation -
We should use bleeding as an altera-
-tive remedy - Incisions have been
made through the scalp down to the bone,
in order to cure headache - I have known
Cupping to cure this disease - Avoid
all the exciting causes of this disease -
Headache from bile in the stomach
should be cured by emetics -

If it occur from cessation of the menses,
or at the time of strife between the
sanguiferous systems, bleeding, purging
& must be used - after ^{small} ~~small~~ action
is reduced, use opium, tonics, cordials -
Euphorbium, shoe makers wax, ceruines
~~not~~ ^{not} ~~theriacal~~ ^{not} ~~theriacal~~ and smoking of tobacco have cured this
disease - Local sweat on the head has
sometimes cured headache - salivation
has cured this disease - This disease, when
confined to the nervous system is mostly
periodical - ^{of menorrhagia, cut them off -}
Cold and dry feet precede a paroxysm
of nervous headache - this is cured by

great ^{perhaps a pain} 183
pediluvium — Senecals — Liguid Laudanum
3 or 4 glases of old, ^{a hemlock if better} saccharine wine — When
head ache is formed the feet are cold or
dry ^{or hot} — the eye lids hang down — the face
is red or pale and cold — tears flow —
the voice is ^{rather weak} weak — the ears are affected
with imaginary sounds — the tunica
albuginea is inflamed — smell and
taste are affected — the judgement is
weakened and the memory almost
destroyed — The urine is pale — there is
costiveness — vomiting — these symptoms
continue sometimes 48 hours and then
go off in stupor or sleep — the disease
in women is only got in the nervous
system — if the blood vessels are af-
fected use copious blood letting
blisters — purges, Cataplasms &
rest in a recumbent posture ^{in dark room} — si-
lence — wearing ~~to~~ a ring has cured it
a bandage round the head — in the
intervals of a fit of head ache, use
tonic medicines, as Bark, the prep-
arations of Iron, hot and cold bath,
Valerian — Blue Vitriol —

184 Perpetual Blisters to the head have
prevented the recurrence of this disease.
Headache affects some people only on
Sunday - owing to the suspension of labor
on that day - exercise has cured it -
large quantities of pepper at meals
have cured it - All exciting causes of
headache should be avoided, especially
such as ~~depend~~ act on the stomach -

Prognosis - It is most dangerous when
it arises from local injuries, mal-con-
formations and when it is connected
with the blood vessels - Headache that
occurs in early life, generally goes off
with the arterial plethora - It is not
dangerous when it depends on disease
of the stomach - less dangerous when
it affects the brain through the medium
of the mind - in this way, some people
live and die with it - The more the
pain is diffused over the head, the less
dangerous is it - Always inquire ~~at~~ into
the causes of the disease - all the above
symptoms are sometimes blended -
always attend to the pulse -

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This disease is most tedious, when hereditary =

Hysteria or Vapors - is confined to the nerves chiefly, and partly to the blood vessels - In the paroxysms, the bowels, blood vessels, nerves and mind are affected - it appears most in the morning and at night - it assumes every form of disease - it appears in a chronic form, as well as in paroxysms - the chronic form by throwing off excitability appears to prevent the occurrence of paroxysms - Women are most subject to this disease - The symptoms of a fit are a rumbling noise in the belly - a sense of a ball in the throat, pale urine, laughing, sobbing, singing and crying - sleepiness - faintness - now and then asphyxia - patients grasp their hair - the fit is sometimes attended with an exquisite pain in the head - the pains do not invade the joints - the fits often come on with convulsions - In the intervals of a fit, the pulse is natural

1869 It assumes the forms of all
chronic diseases - It has terminated
in Locked-Jaw - The mind partakes
of the mobility of the body - Hysteria
does not always appear as I have
described it - It may terminate in
almost every form of disease - In
Hysteria there is often an appetite for
putrid aliment -

Dyspepsia by abstracting & concentra-
ting excitement in the stomach often
obviates Hysteria - Hysteria differs
from Hypochondriasis, by the swelling
in the throat - by occurring most in
women - Hypochondriasis is mostly
permanent, hysteria is transient - They
are often blended together - they often
alternate and sometimes succeed each
other - it prevails (Hysteria) in kitchens
and in the chambers of high life,
owing to the use of strong tea - Hysteria
seldom destroys life, except by translation
to different parts - thus it often wears
down vital parts - its predisposing

cause must be delicacy - Irritability
and sensibility are combined it - Called
by D Cullen, mobility - a disposition
to laugh loud is common to Hysterical pa-
-tients - Women are most affected with
this disease at the time of cessation of
the menses - Hysteria also affects
men - during a fit, the pulse is full
and tense - The same swellings that ap-
-pear in Hysteria, appear also in
mania - a carmine apparently coming
on suspends all the symptoms of Hy-
-steria - Hysteria seldom destroys life,
except it flies to vital parts - The
remedies proper in a paroxysm, are
Bloodletting, opium, clysters - odors
to the nose - pediluvium - Spt Cornu
Cervi - Garlic - a spacetida in pill
or in tincture - Tonics are useful to
prevent a paroxysm - cold bath -
stimulating plasters to the bowels -
Bandages round the abdomen give tone to
the muscular system - Acids should be
forbidden to Hysterical Patients - Milk
diet has cured this disease, also Exercise -

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Recollect in the use of medicines in this disease, to plumb the system — The cultivation of a garden and rural employments generally are useful to Hysterical patients — the excitement of the passions has cured Hysteria —

Dyspepsia is attended with nausea, vomiting, flatulency, heart burn, pains in the stomach, costiveness, appetite without digestion, water brash, an appetite sometimes for putrid aliment —

The stomach is an important ~~stomach~~ viscus and its functions are necessary to life — Poets and Philosophers write well in proportion to the fullness or emptiness of the stomach — The stomach sympathises with every part of the body & with the mind in some cases — courage is somewhat dependant on the state of the stomach — a cordial breakfast and a fine morning have often made men, heroes in battle — Van Helmont places the soul in the stomach — Perhaps the hand of a lady would be easier obtained

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while under the influence of a well toned stomach.

Here I to open an office for the In-
urance of Lives, the first question
I would ask, should be, what is the state
of your stomach? This viscus is to
the body, what a main-spring is to a
watch - it is, when sound, the flag of
health - Temper and disposition are
affected by the state of the stomach -
a discharge of wind from the stomach
has changed a surly man to an agree-
-able person - the sanity of the stomach
influences longevity - Dyspepsia is
produced by direct causes, as ardent
spirits - this is a common cause in the
U. States - strong tea and coffee -
except in the use of aromatics and bitters
the undue use of Opium seldom fails
to destroy the appetite - the habitual
use of snuff and tobacco - except in the
use of ardent drinks - swallowing food
without mastication - drinking large
quantities of cold water - Excessive
use of sugar - I knew it induced

190 in a Grocer by tasting 50 or 60
samples of Sugar in a day - Rapid
accrescent vegetables induce Dyspepsia -
The exclusive use of vegetable diet, less-
ens the ability of the stomach to digest
animal food and vice versa - Bile
effused into the stomach has produced
Dyspepsia - also worms - Schirri in
the stomach - the frequent use of Emetics
and the habitual use of Nitre -
Nitre cannot be used once as an
alterative, without inducing Dyspepsia -
it disorganises the stomach -
The indirect causes are an indolent life -
vexations, grief, distress and intense
study - especially after eating - it has
been called Morbus Studiosorum -
moist and cold air induce it - also
sailing, pregnancy - sudden suppression
of sweats - gall stones - these induce great
pain in the stomach - disease and dis-
-order of the liver, Spleen, kidneys, U-
-terus and omentum, induce Dyspepsia -
it is frequently produced by decayed
teeth -

Remedies are Palliative and Radical-

The first are such as relieve the painful and distressing symptoms, as Magnesia, powder of chamomile, chalk, lime water, calcined oyster shells, fixed and volatile alkali, pepper corns, common salt - salt dissolved in water and acidified with lime juice or mur. acid - a few grains of pepper - Unskimmed milk relieves the heartburn; it is better than skimmed milk - The acid of the stomach decomposes the milk and the oily part blunts the acrimony of the liquors of the stomach - lime water and milk in mixture - again affords relief when pain or spasm attends, and it enables the stomach to digest - I knew several persons who could not sit down to their meals without taking 15 or 20 drops of Laudanum - this was the case with Dr Priestly - a blister is useful, applied to the pit of the stomach - a moderate degree of compression on the stomach -

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Striction on the Epigastrium region after a meal, is useful - a bladder of water to the stomach - charcoal pills and the powder of charcoal - burnt bread and oatmeal - Indian corn parched or burnt - sweet oil to allay a carine appetite - this is useful in Anorexia or want of appetite, to blunt acrimony.

Radical remedies should be accommodated to the State of the system - when the pulse is active all Stimuli are hurtful - use Bloodletting - I have cured the disease by two bleedings - when not so active, use vomits, to reduce morbid excitement - purges are proper in costiveness - use a diet of milk or vegetables only - Dr Hunter cured a most violent case with milk - he gave a table spoonful every 2 hours - I have known a diet of boiled turnips cure this disease - it would be best to use exactly the same quantity of food, by weight, every day - aliments should not be changed - a craftiness of

pulse indicates a diminution of the disease — When morbid action is reduced, use Stimulants, as vegetable bitters — Camomile, Gentian, Colombo, quassia, Centaury, wormwood — use these in small quantities at first — give them in succession and rotation — aromatics, as nutmegs, Canella alba, Juniper, orange peel, anise seed, mustard, horse radish and garlic — if there garlic is best — the Calamus aromaticus and Spikenard of our Country are useful — Blullen used bark

The mineral Stimulants are useful, as Oil of Vitriol — Diluted Nitric acid, Copper in small doses — Iron — I have used the Rubigo Ferri with Quigo — \times or $\frac{1}{4}$ grs of the former and \vee of the latter — the Limatura Ferri may be used to advantage in doses of from 5 to 10 grs — use a diet of beef — thoroughly cooked and kept before cooking until tamed — eggs, oysters &c may be eaten — roasted potatoes —

194 Use butter in small quantities and
this it will do no harm - It enables
the stomach to retain aliments and to
digest some, as fish - Sometimes salt
meat and salted fish are useful, as
in the mild state of the disease - the
drinks proper to be taken, should not
be used with these aliments - they dis-
-pose to fermentation and also dispose
the food to flow out of the stomach
before it is digested - To excite an ap-
-petite when deficient, propose the fol-
-lowing remedies - offer a number of
different aliments to the patient - never
suffer a patient to smell food while
cooking - its effluvia often destroys the ap-
-petite - cold food is sometimes preferable
to warm food - surprise the patient with
a good dish, unexpected - this often ex-
-cites an appetite - set down but a
small quantity of food at once - Let
your patients take only a few ounces at
once and the same quantity 3 or 4
times daily and in the night -

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The stomach should be neither full nor empty - like an idle school boy, it never fails to do mischief, if something be not in it - Gingerbread nuts are useful to prevent flatulency - Food is often retained by taking it in a lying posture - when this is done the patient should not leave his bed for some hours after - only one kind of aliment should be taken at once - the drinks proper are wine, porter, water &c. old Madeira or cherry wine is best - Seltzer and Soda waters are good between meals -

℞ Acid Nitric ℥ij. Opd abs Spirit
1 gill - aqua 1 quart - mix to make a drink - sweeten with Sugar - The practice of taking drams is a very bad one - it makes persons become sots afterwards - Gentle exercise on horseback is good - Costiveness should be avoided, also cold & wet feet - avoid strong tea, ardent Spirits &c. - if these remedies fail, try a Salivation -

176 I have succeeded with Mercury, —
This disease sometimes terminates in
several deplorable disorders — It
produces Inertia — it is apt to induce
Scurvy or Cancer — patients with
these symptoms, live and die in great
pain — bleeding relieves this pain &
the blood is always sordid — the disease
is cured by ~~purges~~ going to sea, by
exercise, by the cold bath and by terror —

Epilepsy — Shakespeare on one oc-
-casion, makes King Richard, to cry
out, a Horse, a Horse, a kingdom for a
horse — with regard to this disease, a
remedy, a remedy, a kingdom for a
remedy — I am compelled to acknow-
ledge that I cannot cure this disease,
and of course, cannot teach you
how to cure it — Delirium is certainly
its predisposing cause — the delirium is
not confined to the blood vessels, but
extends to the brain, muscles & nerves —
reaction induces Convulsion — when
this reaction does not occur, Apoplexy
follows —

Perhaps the obstinacy of this disease depends on the deep-seated nature of the debility - it affects persons from childhood to the age of 50, 60 and even 70 years - The intervals between the fits are from 2 days to 6 months - the fits occur mostly at night - sometimes a few fits occur and the disease goes off entirely - it sometimes impairs the memory and understanding, thereby inducing complete fatuity - it has affected men who have manifested the greatest intellect - In persons who die of Epilepsy, the blood is found in the arteries and not in the veins - hence I infer it to be an arterial disease - it has different grades - the fits are sometimes so violent as to produce hemorrhage. Julius Caesar and Alexander the Great had forms of this disease - so has Bonaparte - I knew a woman who was delivered of a child in a fit of Epilepsy who was insensible to the pains of parturition.

Sometimes Epilepsy does not prostrate the whole system - in some people, the disease is so feeble as to produce only faintness and a temporary suspension of speech and walking - sometimes, the eyes and face are a little convulsed without any affection of the mind - The convulsions in Epilepsy are sometimes so violent as to occasion an emission of semen - There is sometimes a perfect exercise of the mind, with general convulsions - The causes of Epilepsy are corporeal and mental - The corporeal causes are direct and indirect - they are lesions and fractures of the Skull - a fracture producing Epilepsy may occur 12 months before the appearance of this disease - tumors in the brain - mal conformations - repelled eruptions and sores of all kinds - retained menses and lochia - sleeping in the open air - excess in venery - onanism - great bodily exercise - diseases in every part of the body - decayed teeth - aliments offensive by quality as well as quantity -

Worms, drinking cold water—199

The mental causes are great exercise of the passions and mind—Of 11/1 persons in Mania Hospital with this disease, 6 had it produced by Leron Sympathy may induce—It is both a congenial and filial disease—dissections have shewn tumors &c. in the brain—

It is often excited by obvious association of ideas—The noise of a distant bell or the sound of a drum has induced a fit of Epilepsy—I do not know that nature has ever cured a fit of this disease—but it has been removed by time and accidents—Pregnancy and child bearing have cured it—Puberty has removed it from the system—Change of climate has cured it—also the hardships of a military campaign—this cured it in Julius Caesar—A long journey has cured it—It often departs at the 50th or 60th year of life—it has been cured by burns or felling in the fire—it has been cured by Dropsy and by Madness—

200 The remedies for Epilepsy, are
such as are proper in the forming
in its forming state - such as
are proper in a paroxysm - such as
are proper during the intervals -

The remedies proper in the forming
state are, Blood letting - Emetics,
abstinence from animal food - and
a sparing use of vegetable food - purge
Opium - a cup of rue juice - Spoonful
of salt - smell of burning sulphur -
tobacco on the pit of the stomach - liga-
-tures round the arm or legs -

Enlarges pupils, altered vision - false
vision precede an attack - slow pulse - pe-
-culiar odor in the breath - costiveness - red
face - pains in the feet - sudden sense
of honor - aura Epileptica - trembling
great disposition to sing, dance & pre-
-ternatural elevation of all the mental
faculties, are symptoms which precede an
attack - disagreeable smell in the breath
has ^{been} removed by Flores Sulphurei - fear has
prevented a fit - running or suddenly
rising out of bed has prevented it in

the Emperor Napoleon - rubbing the hands on the fore head or temples - bumping the head against a wall - dashing a bucket of cold water over the head has prevented it -

The remedies in a Fit are few - When the convulsions are violent, use blood-letting - loosen the patients collar - give him fresh air and let there be few attendants - place him in an easy recumbent posture, with the head elevated - The remedies proper to cure the worst grade of Epilepsy are such as reduce the system below the capacity to take on the Epileptic action - These are depleting remedies - The remedies proper in the intervals are depleting ~~some~~ - Bloodletting often produces an incapacity to morbid emanations - a milk diet has prevented this disease - to be effectual, the system should be reduced - This disease arises from too much or too little stimulus - a salivation has cured, but it should be kept up for weeks - This revolutionary remedy was first used in this disease by Dr Hugh Smith - I have twice cured

with it - Bloodletting, should precede
 salivation - cold applications to the
 head are useful - sleeping in a sitting
 or inclined posture - This disease may
 be cured by translocation - Tonics are some-
 times useful in Epilepsy to overcome the
 debility of the system - the tonics should
 be powerful - The vegetable tonics are
 Valerian, opium, Stramonium, bark,
 niffletoe - The mineral tonics are Iron,
 Chalybeates, Copper, Nit Silver, Phos-
 phorus - Folios Zinci may be used from
 2 to 36 grs a day - the Sulphate, from
 1 to 4 grs. - of Sulph. Cupri, from 1 to 2 grs -
 the magistery of Bismuth has been used -
 from 1 to 2 grs of Acet Plumbi - 3 times a day -
 I have cured children with this - I was led
 to use the latter remedy, by hearing of a
 man being cured of Epilepsy, by swal-
 lowing a table spoonful of white lead -
 all these remedies have cured and they
 have all failed - Exercise is very good -
 cordial diet - perhaps an artificial
 fever would do good in this disease -
 it has cured other diseases -

Long journeys and a change of climate
 have done good — Perhaps lessening the
 period of sleep would do good, or sleeping
 on a matras — Repelled Eruptions
 should be restored — worms should be
 expelled from the alimentary Canal —
 I knew a man whose fits occurred only
 on Sunday, when he had no exercise —
 does not this indicate the utility of
 labor — In our attempts to induce
 equality of action in the blood vessels
 system, we should attend to the blood
 vessels — Setons, issues and perpetual
 blisters are used — gentle irritants to
 the feet and ankles might do ser-
 vice — the actual cautery has been
 of service — I have heard of a Siack
 who cured it by covering the body with
 blisters — It has been cured, in two
 cases, by the itch and this should
 induce us to employ cutaneous
 remedies —

I have thus laid before you some
 facts, respecting a most afflicting and
 awful disease —

204 I think on the remarks I have made—
for the person who shall discover a
remedy for this disease, will deserve
more credit than he who discovered
the Venereal Sides — it is most dan-
gerous when attended with Vertigo and
Headache — Epilepsy from dentition
is incurable — it is almost incurable
when seated in the mind —

Asthma is known by occurring
with paroxysms, attended with great
difficulty of breathing — there is no
expectoration in the beginning of the fit —
the trunk of the body is generally erect —
It differs from Dyspnoea in being
attended with intervals of perfect health —
it is sometimes hereditary — it differs
from Pneumonia by being unattended
with fever — the pulse is sometimes
morbid — the paroxysms may occur daily,
weekly, annually, or only once in the
course of several years — There are
instances of its attacking but once du-
ring a long life —

It occurs chiefly in the spring and autumn but sometimes in the summer - it partakes somewhat of the nature of Epilepsy

It is most dangerous in the summer -

It sometimes kills speedily, but it has continued for 50 years -

The causes are direct and indirect -

It is produced by great heat - by cold succeeding heat - by certain offensive matters acting on the lungs - as metallic fumes, vege smoke - carbonic acid gas - certain winds dry or moist according to the nature of the asthma - the indirect causes are suppressed evacuations - repelled eruptions - worms, wind, gout, & exercise the passions - Country and city Situations or a residence near the sea shore - gall stones, long fasting, pregnancy - certain indigestible aliments - hard running and climbing up a hill - I have known it produced by running to a fire - This disease is seated in the whole substance of the lungs,

206 and is induced by what is called
Tonic Spasm.

The Premontory Signs are languor,
drowsiness after dinner - pale urine,
cold and dry feet - stricture across
the breast - these symptoms occur in the
evening or night - The pectus Asthma
occurs in early life - In the morning
state - the pediluvium, a vomit,
punge or a few drops of laudanum
often prevent the formation of a par-
oxysm - Sitting up at night has pre-
vented a fit - This is advised by Sir J. L. Esq.
When the paroxysm is formed, the
pulse is generally natural - some-
times it is intermitting & locked -
the lungs often emit a squeaking
noise - The respiration is often
greatly obstructed - the glottis is often
almost closed - there is dry cough -
vomiting - patients cannot lie
down - they breathe easier in a
reclined posture - by bending

the head and neck down over the ep-
-dome - a fit lasts from $\frac{1}{2}$ an hour
to 2 or three days - it is sometimes
chronic and exists without intervals -
in this case it often depends on
mal conformation of the lungs -

The lungs after death in recent
cases, often exhibit no marks of disease -
but it often ends in Pneumonia - in a
moist cough - in dyspnoea, Dropsy,
Hydrothorax &c - but these are its effects
not its causes - the patient sometimes
dies in a paroxysm of the disease -
cool breath and cold feet often
attend this disease -

The cure of Asthma is divided
into the treatment of a paroxysm,
and the means of preventing its
recurrence - To cure a paroxysm,
use bloodletting - I have known
life protracted for years by small
bleedings, repeatedly used -

By bleeding, we save the lungs from congestion—I have bled a patient in this disease, 40 times and thus effected a cure—Bloodletting prevents asthma from terminating in other more dreadful diseases—Some people, by this remedy, live to be very old—the pulse is often full and tense—asthma is often blended with Pneumonia and here bleeding is more necessary.—

I have used blisters to the ankles & necks—vomits, as squills &c. Tart. Emetic &c are used—They give relief by sympathy—Purges are useful when bleeding and vomits are forbidden—given them in all cases of costiveness—They should be lenient—a diarrhoea should be avoided—it is injurious in this and all violent diseases of the lungs—during the continuance of great morbid action, cold air and cool drinks are useful—

after morbid action is reduced, zinc
 quinn in small and frequent doses—
 give it with or without assafetida—
 Pediluvium—vapour of warm water—
 it is sometimes useful to impregnate
 the water with Horse Radish—the
 smell of Cloves is useful—blisters to the
 wrists—mineral or vegetable acids—
 these were used with benefit by Sir J. P.
 Pringle—strong coffee has been used in
 doses of from 4 to 6 ounces—in this, as
 in other diseases, cures are effected by
 the use of remedies directly opposed to
 each other—this is owing to the different
 states of the system—smoke of tobacco,
 change of situation does good—city air is
 most agreeable to asthmatic patients—
 The asthma is a curable disease—it
 has been cured by Nature, time and ac-
 -cident—Pregnancy has cured it, also a
 change of climate—damp air agrees
 with asthmatic patients—This disease
 has been cured by the excitement of another—
 as Jaundice, of which I knew a case—

210 - The sea shore by its moisture
has cured or prevented this disease -
but to some a dry air is most
agreeable - this is the case with dry
asthma - when the disease depends
on mal conformation of the breast, it
may be relieved, but cannot be cured -
D Cullen says this disease cannot be
cured by medicine - the following
remedies should be tried - bleeding -
this should be used often to avoid plethora -
use low diet - avoid all the exciting causes -
use setons to the side or issues in the arm -
cold bath - hard labor cured it in a
Mr Lowry of this state - D Bree
mentions the case of a soldier who was
cured merely by being subjected to military
duty - Exercise and long journeys are
useful - the partial exercise of the limbs
does good - the recurrence of old
habits, as taking snuff has done service -
mustard - garlic, rust of iron in large
doses - Bark - mixture of Tar and
Garlic - diet consisting chiefly of
carrots has cured Asthma -

a spontaneous swelling sometimes comes on and cures the asthma - this suggests the propriety of perpetual blisters - sleeping on a matras or on a floor - change of climate and residence - change of occupation has cured it - the nearer to a paroxysm these medicines are given, the better -

Dyspnoea is distinguished from asthma by not being attended with paroxysms nor intervals - its causes are mal conformations of the breast and tumors in the trachea - It is sometimes a cause of Dyspnoea in horses - It is mostly a curable disease - if it arise from tumors in the trachea, puncture them - I have known death produced by this disease - if pregnancy produce it, wear a bandage round the abdomen - if at occasion it, use low diet -

Angina Pectoris is attended with a sudden difficulty in breathing - it is attended with anxiety -

212 It is attended with pains in the middle of the arms - there is often pain in one arm only, but sometimes in both arms - sometimes the pain is seated in the arms, altogether and none in the breast - The pulse is sometimes natural, intermitting or tense - Even a horizontal position is painful and the patient frequently is unable to bend his body - The patient cannot walk at all times - It attacks chiefly about the 50th year of life, but it often affects young persons - men are more subject to it than women - Dr Kethoven says of 100 persons affected with this disease only 3 were women and but one a child - Dissections discover abscesses in the lungs - ossification of the coronary arteries - great quantities of fat - a membrane on the aorta - scirrhus of the liver - the heart empty of blood - the blood in a state of fluidity, owing to its being killed

suddenly by the violent convulsion which comes on at the instant of death - sometimes there are no appearances of disease - The morbid appearances I have mentioned were supposed to be the causes, but I believe they are the effects of disease - The remedies for Angina in a tense pulse are 1st Bleeding - Dr Johnson found the blood discolored - this is a proof of the violence of the disease - unfortunately this disease is often without much pain - it is indeed sometimes, a dumb disease - The blood is often Scurvy - Gentle purges and low diet are useful - when there is weak morbid action, use Tonics - $\frac{1}{4}$ of gr of Nit Silver 3 times a day is used - gentle exercise - salivation - Sulphuric Acid is used - Hemorrhage from the Hemorrhoidal vessels has cured - Avoid all exciting causes - vary the remedies - seton, and Issues in the arm, perpetual blisters to the left arm are used -

214 Pertussis is a convulsive cough threatening strangulation, with sonorous expirations — I have heard the hooping without the cough — it is sometimes attended with vomiting — there is a suffusion of blood in the face —

It generally occurs with catarrhal symptoms and mucous expectoration — costiveness often attends it — vertigo and apoplexy are sometimes induced by it — vaccination relieves it — the remedies are bloodletting &c. — I have often bled with success — Emetics are used as squills, *Ver* Antimon. — Purges are also used — cool or cold air — Fear has cured it — S. Cullen recommends the noise of a mill — after great morbid action is reduced and the disease has become chronic, use tonics — laudanum in small, but repeated doses — apply blisters to the ^{region of the} stomach — or *Tin* it. — Cantharides — gentle exercise on horseback — change of residence — issues in the protracted state of the disease — This disease has been relieved and shortened by the itch and measles — I have seen the reverse of this take place —

215

Tremors attend Palsy - they arise from the use of strong drink and Snuff - these tremors occur also in old age - they are perceived in the organs of speech - working in lead induces tremors - the cure consists in avoiding all the exciting causes - using tonic's &c. - The tremors cease in the night, owing to the fullness and tone of the vessels -

Of the diseases of the
+ mind +

all ideas and thoughts are the results of specific motions in the brain, and the irregularity of these motions constitutes derangement - Madness is nothing more than deranged actions - derangement is not primarily seated in the mind - The mind is the noblest part of man; on it depends all his health and happiness -

derangement produces error in conduct and opinion - when this relates to a

man's own affairs, it is called
 Hypochondriasis - when on the lusing
 of others, it is called Melancholia -
 Derangement sometimes produces error
 on all subjects - this I shall call
 complete madness - Persons in this
 state, fancy they see good or bad spirits,
 waiting to convey them to good or bad
 places - madmen often make solilo-
 quies - these are owing to false percep-
 tions in the sense of hearing - this
 occurs mostly in delirium - but it now
 and then occurs in intellectual derange-
 ment - Error in the senses attends deli-
 rium always, but very seldom, madness -
 Delirious people are justly said to be
 out of their senses -

In false perceptions, a patient supposes
 he sees a multitude of persons when he
 sees but one - Intellectual madness is
 attended with unrelated association -
 Madmen ^{have} sometimes correct judgements
 without correct perceptions and vice
 versa - Madmen sometimes think

just opinions, quite erroneous - this is called in them, false reasoning - they often draw false conclusions from just premises - A man sometimes fancies himself a king - he puts a mat on his head, which he calls a crown - he struts about and thus reasons justly from false premises - Madmen sometimes reason correctly, have false association and judgement -

Derangement is often seated in the memory, exclusively - The passions are subject to derangement - They are inordinately exercised - The moral faculty is sometimes perverted - The faculties are sometimes diseased in succession - Sometimes they are all diseased at once -

From contemplating the casket in which the human mind is situated, we are led to contemplate the goodness of the Creator in its structure - he has formed the cranium so as to defend the brain from many injuries - The brain sympathizes with many parts

218 of the body — A paroxysm of anger
has produced a discharge of bile —

There can be no madness from men-
tal impressions without morbid action
in the brain — Many diseases of the
body depend on affections of the brain —
Thus when the brain abstracts senso-
rial power from the viscera of the
body, the latter are thereby disposed
to congestion from other causes —

I believe the Thyroid Gland to be destined
for the defence of the brain from injury
by those causes which tend to exert an
undue stimulus upon it — The Globus
Hystericus appears to depend on the diversion
of morbid excitement from the brain to the
thyroid gland, thus enlarging the latter —
Perhaps the more frequent irritation which
the female system suffers, thereby inducing
tumefaction of this gland, is the cause of
the very frequent occurrence of Broncho-
cele among them — This gland appears
to protect the larynx from violence in
loud speaking and singing — Morbid
action in the brain is similar to

morbid action in all other parts -

Madness is Chronic Phrenitis and Phrenitis is mania in an acute state - The remote and exciting causes are Mal-conformation of the Brain - lesions & injuries of the brain discover themselves later than those of other parts - Local diseases of the brain sometimes produce Madness - also diseases affecting the whole body - extremely warm or cold weather - great pain - emaciation - excess of venery and onanism - I have known several cases of mania from the latter cause - certain stimulants acting on the Brain, as ardent Spirits, Opium &c ardent Spirits is a frequent cause of Madness in the U. States - The translation of certain diseases to the brain, as Scrophulous Irritation from matters retained in certain parts of the body - I have known Madness produced from Mal-

that lodged in the feet - the fumes of Lead have produced Madness - Epilepsy, apoplexy & St Vitus dance have induced it - the transfusion of blood from one animal to another. This was the case in France in many persons - they experimented in this way to see if the blood by being renovated would prolong life -

The causes which induce madness, by acting on the mind, are intense study - the sudden transition of the mind from one subject to another - Booksellers have become insane from this cause - this is confirmed by the fact that fatigue is readily occasioned by reading volumes of magazines - the imagination by being too much acted upon has produced mania - the understanding is often affected with madness through the medium of the memory - Timmerman relates a case of this kind in a preacher - terror has induced Madness -

also love, fear, grief, distress have
produced madness - these act slowly
in producing their fatal effect - A
Player in this city died some time
ago, from being ripped off the stage
Exquisite sense of delicacy has pro-
duced madness - great losses and
the full possession of the comforts of
this life have induced this disease -
Suicide has been committed by per-
sons who enjoyed all they desired in
this life - violent exercise of the
moral faculty has perverted the
understanding - madness often
depends on hereditary predispo-
sition - three persons in one family
applied for admission into our
Hospital, in one day - It is some-
times a filial disease - of this I
have known but two instances
There is a case of madness on record
which occurred in a child 2 years
old - Dr Greding relates the case of
a child, deranged from birth -

222 I have seen children who appeared to be affected with Madness - Old people are seldom affected with it, but it now and then occurs in them -

Intellectual derangement was once ascribed to diseased liver - also to diseased spleen - but these diseases are merely the effects and not the causes -

Madness has been called the effect of diseased nerves, but dissection proves the fallacy of this - Madness is seated chiefly in the blood vessels - It has been placed exclusively in the mind, but this is incorrect - The mind is incapable of any action without impressions communicated to it through the medium of the body - If madness resided exclusively in the mind, the brain would more often exhibit marks of disease - Madness has been called an Ideal disease, but this is without foundation - There is nothing specific in the action of the brain inducing madness -

Many of the remote and exciting causes of Mania are exactly similar to those producing fever—Dissection has frequently shown the same appearances after Mania as after other diseases—Symptoms attending Mania are, sense of fullness and pain in the head—wakefulness—frequent, full or tense pulse—or a pulse morbidly slow or frequent—frequency is seldom absent in the Chronic State of Mania—a white tongue occurs in some cases of mania—the tongue is dry—it alternates with some diseases which are evidently seated in the blood vessels—it is attended with remissions and intermissions—the blood is often ~~dry~~ ^{stagnant}—The appearances after death are similar to those which follow other arterial diseases—

Derangement may be seated in the will, or memory or moral faculty without affecting the understanding
Derangement is seated in the

passions— Diseases of the mind, like diseases of the body often terminate in disorder— Two or more of the faculties may be affected at once, but sometimes they are all affected— Partial insanity is error on some one subject only, with soundness of mind on all other subjects— Hypochondriasis and Melancholia are only different grades of the same disease—

Hypochondriasis or Se auto Mania is as much the effect of corporeal morbid action, as Pleurisy is— It is not attended, like Hysteria, with Globus Hystericus— it is attended with constant distress— It is produced by causes acting on the will and passions only— it is attended with costiveness, flatulency, venereal desires, swelling of the abdomen, dyspepsia, insensibility to cold hunger and thirst, deficient appetite—

pavus in the head, vertigo, disposition to faint - wakefulness, trinitus aurium, inability to rise out of bed - cool and dry skin - sallow color in the face - increased discharge of urine, thumping in the brain, excited lymphatics - symptoms which appear in the mind are distress, fanciful erroneous ideas - the patient imagines himself to be converted into some animal and assumes his gestures - fancies himself to be made of glass - thinks he is a plant - supposes he is dead - This disease is attended with paroxysms - it has been suspended by a pleasant season and a fine day - it sometimes disappears and returns hourly - in this state it is called Vapors or Lown Spirits -

Hypochondriacs are fond of snuff -

226 they love ardent spirits - they
drink wine in large quantities -
they eat voraciously - despair attends
this disease - In the internals, the
mind is generally exhilarated - The
symptoms of Hysteria and Hypo-
chondriasis are sometimes combined -
weeping always relieves Hypochondriasis
it depletes - The remedies are of
two kinds - such as act on the
mind through the medium of the
body, and such as affect the mind
more directly -

a man once fancied himself to be
a goose - and went into a barn to sit
on some eggs - in a short time he
became hungry, stretched out his
arms which he thought were
wings and attempted to fly - he
fell from the hay, on a log and cut
a blood vessel of the head, from which
he lost several pounds of blood -

227

This induced him to desert his nest
and was the means of curing him—
When the pulse is full and tense,
use blood letting this remedy paves
the way for the action of others—
Habit often renders bleeding more
necessary. Purges are indicated in
cases of obstruction of the viscera—
use aloes, Jalap, Calomel &c—
low diet should be attended to—after
the pulse is reduced, use cordial diet
and cordial drinks—stimulating
medicines—The preparations of
iron—Bitters of all kinds are useful—
Magnesia-Alcaline Salts—assafoe-
tida—The latter is an excellent
medicine—Opium in this disease is
the Medicatrix Mentis and should
be preferred to all others—it gives
more prompt relief than Spirits—
when necessary it may be laid

aside without injuring the system—
 Old Madeira wine, Cherry or Claret
 has been used—the latter is best,
 it contains less fermentable matter
 and sits better on the stomach—
 Give these drinks in a warm state,
 for if cold they prove disagreeable—
 the warm bath—cold bath, sweets,
 exercise on horseback—the excite-
 ment of pains, as by the translation
 of Gout to the hands—a salivation—
 Mercury acts by removing ob-
 structions and by abstracting ex-
 citement from the brain to the mouth—
 Mercury renders the channels of the
 system pervious to their natural
 fluids and thus restores the mind to its
 native throne in the brain—if the
 disease depend on repelled eruptions,
 restore them by issues—attend to the
 healthy actions of the skin—
 avoid all the exciting causes of the
 disease —

The remedies which act on the body through the medium of the mind are, giving our patients all possible encouragement - endeavor to increase the principle of faith with regard to your prescriptions - Hypochondriacs will not bear contradictions and you must yield in some measure to fanciful notions - In no supposed disease will you find it more difficult to remove error than in Venereal Hypochondriasis - Here I have advised matrimony - revisiting a native country has cured this disease - if a patient supposes he has an animal in his body, put a frog in his close stool and make him believe he discharged it - Conversation in Melancholy (says Dr Johnson) feeds it - He therefore advises Boswell who was affected with ^{it} never to mention it in company -

230 If debt be the cause of the disease
it is certainly a proof of the patient's
honesty - for no dishonest man ever
had this disease produced by debt -
there the benefit of the insolvent act
should be advised -

The means of preventing suicide, should
be prevented if possible by Physicians -
the excitement of anger has prevented
suicide - it has been prevented by a
partial indulgence in the commission
of the crime - Home sickness is a form
of derangement - sometimes insane persons
harm themselves to death - this is often
obviated by placing food in patients cells
and suffering them to eat when alone
and of their own free will - derange-
ment is a dangerous & treacherous disease
and convalescents frequently terminate
their existence by suicide, when they
are in a fair way of recovery -
change of clothes has often prevented
a paroxysm of hypochondriasis -

The nails and hair of patients should
 be cut - Hypochondriasis has kept
 pace in all countries with luxury &
 indolence - recommend to persons
 in this disease; agricultural pur-
 suits among persons of good society -
 Idleness and solitude should always
 be avoided - Spivoli declared that
 idleness was enough to kill a
 General - amusements should be
 resorted to, as gunning, racing, playing
 at quarts - conversation with fine
 girls has often dissipated melan-
 choly - Hypochondriasis has been
 suspended by patients committing
 lines to memory or by fixing the
 attention on any subject of a similar
 nature - as transcribing lectures -
 The revival of the name of a friend
 has done service in this disease - The
 hand of a lady has cured or prevented
 this disease - The History of Joseph
 and his brethren as recorded in the

Bible has removed or suspended
 Hypochondriasis — reading novels
 is sometimes useful in this disease —
 a tragedy is more apt than a comedy
 to remove Hypochondriasis —
 certain animals by their sports pre-
 -vent paroxysms of Melancholy —
 Music has often suspended an attack
 of melancholy — the tunes which
 he always pleases — the tunes
 tho' depressing are less so than
 the melancholy — melodious
 sounds have often a similar effect
 any thing that translates the at-
 -tention will be of service in re-
 -moving or preventing hypochon-
 -driasis — In the forms of derange-
 -ment mentioned, patients believe
 error and disbelieve the truth —
 Matrimony is an excellent remedy for
 Hypochondriasis — Travelling may be
 resorted to and will be of service —

I have the pleasure to inform you
 that the same has been received
 and is now in the hands of the
 proper authorities for their consideration.
 I am, Sir, very respectfully,
 Your obedient servant,
 J. H. [Name]

Long journeys should be preferred to short ones — they afford new objects and new friends — patients should be advised to travel to warm climates — nothing should be taken along that could possibly revive the disease by association of ideas — Terrors has removed Hypochondriasis —

Of Melancholia or Allo-Mania — this often succeeds to Hypochondriasis — it differs from the latter in a change of the patients opinions respecting his disease — he denies that he is unwell — little or no Dyspepsia attends — the errors in this state of derangement are deep seated — both the premises and conclusions made are false — Melancholy from love is often cured by a sight of the beloved object, not so in Hypochondriasis — Mental errors should be opposed as much as possible —

The first of these is the fact that the
 human mind is not a blank slate at birth
 but is filled with a vast amount of
 information which it acquires from the
 world around it. This information is
 stored in the memory and is available
 for use at any time. The second fact
 is that the human mind is capable of
 learning from experience. This means
 that the mind is able to take in new
 information and to use it to modify
 its existing knowledge. The third fact
 is that the human mind is capable of
 reasoning. This means that the mind
 is able to take in information and to
 use it to draw conclusions. The fourth
 fact is that the human mind is capable
 of imagination. This means that the
 mind is able to create new images and
 ideas. The fifth fact is that the human
 mind is capable of emotion. This means
 that the mind is able to feel and to
 express its feelings. The sixth fact is
 that the human mind is capable of
 communication. This means that the
 mind is able to share its thoughts and
 feelings with others. The seventh fact
 is that the human mind is capable of
 problem-solving. This means that the
 mind is able to take in information
 and to use it to find solutions to
 problems. The eighth fact is that the
 human mind is capable of creativity.
 This means that the mind is able to
 come up with new and original ideas.
 The ninth fact is that the human mind
 is capable of self-reflection. This means
 that the mind is able to think about
 its own thoughts and feelings. The
 tenth fact is that the human mind is
 capable of growth. This means that the
 mind is able to develop and to become
 more sophisticated over time.

Melancholy is often a primary affection of the understanding — the remedies for this are bleeding — low diet, in a tense pulse — in cases of obstinate wakefulness give opium when the pulse is reduced — it relieves the diseased state of the Brain —

I shall divide general madness into Mania or madness with great morbid action — In Mania I include also Mania Furibunda or Raving Madness — here the pulse is Synocha — 2 Manicula — in this the pulse is Synochula — it is called by some tonic Madness 3. Manalgia — in this, a general torpor affects the body — the pulse is often natural, sometimes it is Typhoid — Manalgia is mostly preceded by Mania — sometimes all the faculties are perverted for weeks together —

The first of these is the
 effect of the
 the second is the
 but in a few
 cases of
 fine opinion when the
 these - it is the
 of the
 I have
 the
 would be
 the
 that of - for the
 I believe
 composed - it is
 the
 the
 it is
 the
 all the

There is a great difference in the extent of general madness - in its worst grade, it affects memory, understanding and moral faculties, together - sometimes the understanding alone is affected - sometimes the memory - in this, it resembles fever, by affecting at times all the faculties and occasionally but one - Boerhaave passed 5 weeks without sleep, he was finally allured from his books, by good company, and Maria was thus prevented -

The Premonitory Signs of Maria Furibunda are wakefulness - instability and great appetite - irascibility, jealousy, eccentricity of mind - disposition to buy or sell property - a return of hearing in deaf persons - the exciting causes must be removed -

Draw the patient from all
 business and use constant
 relaxation — if the pulse be full
 or tense, draw $\frac{3}{4}$ or $\frac{1}{2}$ of blood —
 give low diet — When the disease
 is completely formed, the eyes roll —
 the Countenance is wild — there is
 great wakefulness — great appe-
 tite or none at all — great strength
 and activity — insensibility to
 cold in some cases — costiveness —
 diminished secretion of urine —
 the pulse becomes slow — the
 muscles are highly excited —
 the skin is dry, hot, cool, or cold —
 sometimes covered with sweat — the
 pulse is sometimes *ynocha*, in-
 termittent, quick, depressed,
 markedly slow, natural — feet
 cold — the senses are quick in their
 operation — hearing is acute — the
 symptoms of a paroxysm as it

I have the pleasure of acknowledging
 the receipt of your letter of the 10th inst.
 in relation to the purchase of a
 lot of land for the purpose of
 building a school house for the
 use of the colored people of the
 city of New York. I am glad to
 hear that you are interested in
 this cause, and I am sure that
 your efforts will be successful.
 I have no objection to your
 purchasing the land, and I am
 sure that the Board of Education
 will be glad to assist you in
 your efforts. I am, Sir,
 very respectfully,
 Yours, J. M. Smith

appears in the mind, are false perceptions, and unrelated associations - great hostility to friends - profane language and vulgar conduct even in persons who have been exemplary for virtue and piety - patients sometimes destroy their clothes - I knew a man who tore up 40 blankets and many suits of clothes -

Madmen shun society and retire to solitary places - they are mostly destitute of courage - the memory is sometimes lost, sometimes it is very acute - sometimes patients are extremely cunning - sometimes they are very filthy and smear their faces with their own excrement - sometimes they go to churchyards and tear up the remains of their ancestors - Madmen are very timid as I shall prove to you hereafter -

appear to me, the only
 conception, and model of a
 certain - great history to
 find - upon language
 and such a conduct as a form
 and have been passing for
 and fact - perfect perfection
 history, then also I have a
 one with the up of the history
 and many sorts of cities -
 all these are made together with
 long place - they are mostly history
 of course - the meaning is sometimes
 but, sometimes it is very acute -
 sometimes perfect and perfect in
 way - sometimes it is very full
 and some, then, find out the
 one - perfect - sometimes it is
 changed from one to another to become
 of this or other - because an
 way, then, it is a little more
 in language

Madmen often possess a talent for rhyming - consciousness is sometimes destroyed in maniacs - they are often insensible to the lapse of time - They lose their knowledge of personal identity - The late Dr Hutchinson who resided in the Pennsylvania Hospital for several years, told me, he could never perceive any effects on patients from the moon. The influence of the moon on maniacs can be evident only when the pulse is full -

Manalgia is the lowest grade of Mania - it is attended with great taciturnity, down cast looks, bent posture, negligence in dress and general appearance - insensibility to heat and cold - the skin is dry and cold - first pale then livid - the appetite is great, then weak - there is much salivary respiration slow, breath offensive -

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The pulse is slow, but mostly natural — these are symptoms that appear during confinement — when the patients are permitted to run at large, they appear as beggars in the streets — sometimes the moral faculties are impaired — sometimes the sense of duty is exquisite — the patient is often found in devotional exercise — all degrees will continue in this form for 15 or 20 years — there are instances of perfect recovery after 30 years of disease — the recovery is sometimes attended with great obesity — the different forms I have mentioned are not necessarily connected with each other — The pulse is quite natural in some cases, when the brain is highly morbid —

The Remedies for Mania are various. Bloodletting is the first —

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Bleeding is indicated by the fact that the disease is arterial - the delicate structure of the brain renders bleeding more necessary - it has no outlets - the many accidental cures by discharges of blood, favor the use of this noble remedy - the appearances of the blood indicate the propriety of this remedy - it exhibits marks of disease of great action - the blood is often discolored in this disease - the quantity of blood drawn should be greater than for disease in many other parts -

In the first attack of disease, the bleeding should be copious - 20 or 30 $\frac{3}{4}$ may be drawn at first - continue the remedy while derangement exists - never look back to count how many times you have bled or how much blood you have drawn - a pupil of mine, now a physician, bled 25 times in one week - a man in our Hospital lost 450 ounces of blood from June 1810 to Feby 1811 and

was cured of mania - he was bled
 45 times - morbid excitement some-
 times becomes insulated - here use
 local bleeding - in persons who have
 Piles, apply cups near the anus -
 Cupping and leeching are useful after
 general bleeding has been employed
 arteriotomy may be used if necessary -
 remove the patient from his family
 to be attended by strangers - if
 outrageous apply a mad shirt, or
 what is better, resort to the Tran-
 quillizer - this is much preferable
 to human force - it enables the
 physician to feel the pulse -
 cold water can be readily applied
 to the head and the patient can
 more easily evacuate his bowels -
 it reduces morbid excitement rapidly
 patients should not lie down - soli-
 tude is indispensably necessary -
 visitors should not be admitted
 darkness should be ~~conf~~ combined
 with solitude in the first stage -

Keep the madman standing all day
 to wear down excitement - this
 practice is resorted to, for the purpose
 of curing refractory horses - low
 diet should be used, consisting of reg-
 -tables of the least nutritious kind -
 fasting is sometimes very serviceable,
 if it might now and then induce
 ferocity, but ferocity is not de-
 -rangement - water should be the
 patient's drink - Purges as Cam-
 Tartar, Salts, Calomel & Jalap are
 used - they are indicated by ob-
 -structions - give them two or 3 times
 a week - it is sometimes necessary
 to excite diarrhoea - some recom-
 -mend, others condemn the use of
 emetics - they are injurious before
 the system is reduced to the point
 of their action - Blisters are
 somewhat useful, but not before
 the system is reduced - apply
 them to the ancles and wrists
 also to the neck and head -

Cold air, water and ice have relieved
 Mania - ice is very useful - when
 applied to the head, the latter should
 be shaved or the hair cut off -
 When you use cold applications to the
 head, put the feet in warm water -
 this has been very successful -
 cold water should be applied
 sometimes over the whole body -
 here it acts as a sedative and is
 not followed by fever - Hard
 labor has cured madness -
 salivation is used - it depletes
 powerfully and cooperates with
 blood letting and purging - it often
 affords prompt relief - when the
 disease begins to abate, use
 Cordial diet - use the cold shower
 bath twice or thrice a day - this
 acts primarily on the head - it
 acts as a stimulant, equalises
 excitement and restores healthy
 action

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remedies acting on the body
through the medium of the mind -
I never fret or oppose unnecessarily
the notions of madmen - it always makes
them worse - Direct the mind to
many subjects when fixed on one &
concentrate it in one point when
engaged on numerous topics - This will
be of no avail where every part of the
mind is fixed on the subject which
first occupied only a part of it -
Music has been commended in this
disease - in highly inflamed
madness, plaintive tones will have
a good effect - when coercion is
used, it should be as gentle as
possible - women manage mad-
men better than men - Physicians
should be dignified in their in-
tercourse with madmen - they
should never laugh at nor with
maniacs - There are fine modes
of managing maniacs which
should be attended to by

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Physicians — 1st By the eye, as in
staring them out of countenance —
2- By the voice — Milton calls the
^{voice} face of man divine — I have
known it produce magical effects
3- By the countenance it should
be grain or placed according to the
state of the mind — a cheerful
countenance has extorted smiles from
melancholy itself — 4th By acts of
justice — 5th By acts of kindness
as in making small presents —
all promises should be faith-
fully complied with — Never
confine madmen after they
cease to show a disposition to
injure themselves — Deranged
people, after recovery seldom
forget 3 things — 1st extraordinary
severity, 2nd acts of kindness
3rd acts of indignity — Fear
often relieves or cures mania —
a fall down a steep ridge cured
mania of many years duration —

Madmen are afraid of one
 another - amusements are useful
 in some cases - Linné has destroyed
 madness by inducing healthy asso-
 -ciations - Opium is used in madness,
 but it is improper while the
 pulse is active - when gone, it
 should be in small doses, calcu-
 -lated to produce wakefulness
 Nettlebane, Borax, Digitalis, & Stra-
 -monium have been used, but they
 are of little consequence -
 Van Swieten relates a case of a
 Joiner who was cured whenever he
 went into his work shop - I have
 known a clergyman who was insane
 when out of the pulpit, who was
 sound in his mind while preaching -
 Company has a great effect on
 Maniacs - In a furious state,
 patients should not be denied,
 in a milder state, we may

The first of these is the fact that the
 human mind is not a passive organ
 but an active one. It is not merely
 a mirror reflecting the world as it is
 but a power which can create its own
 world. This is the essence of the
 human condition. We are not born
 with a fixed nature but with a
 plastic one. We are born with a
 mind that is capable of receiving
 impressions from the world and of
 forming its own ideas. This is the
 basis of all human knowledge and
 action. It is the power of the mind
 to create its own world that makes
 human life so interesting and so
 full of possibilities. It is this power
 that has made the human race the
 most advanced and the most powerful
 of all the animals on the earth. It
 is this power that has made the
 human mind the most valuable and
 the most precious of all the gifts
 that God has given to man. It is
 this power that has made the human
 mind the most wonderful and the
 most mysterious of all the things
 that we know. It is this power
 that has made the human mind the
 most beautiful and the most sublime
 of all the things that we know. It
 is this power that has made the
 human mind the most glorious and
 the most magnificent of all the
 things that we know. It is this
 power that has made the human
 mind the most noble and the most
 the most divine of all the things
 that we know. It is this power
 that has made the human mind the
 most perfect and the most complete
 of all the things that we know. It
 is this power that has made the
 human mind the most perfect and
 the most complete of all the things
 that we know. It is this power
 that has made the human mind the
 most perfect and the most complete
 of all the things that we know.

reason them out of their
 notions - in a state still milder,
 we may oppose them and actually
 ridicule their conjectures - we
 must gratify, persuade and oppose
 according to the state of the disease -
 great regard should be had to
 cleanliness in the rooms of
 maniacs - There should be
 Hospitals, persons designed to
 apply mental remedies - as amu-
 -sing them, reading to them or
 sometimes exercising correction to-
 -wards them for improper conduct -
 this is well done by pouring water
 down the patient's sleeve -
 whips should never be used -
 Madmen formerly were yoked
 together and compelled to plough -
Remedies for Manicula and
Manalgia - In the Typhus state
 use the warm and cold bath
 for a long time -

Where cold water is used, the patient should be plunged - I am in the habit of thawing patients in the warm bath and then putting them under the Shower bath. Cordial diet and drinks should be employed. I have seen a pint of wine cure Manalgia - Chalybeates are much recommended by Dr Willis - Opium is good in some cases - it is recommended by Dr Sydenham - Blisters are useful in what Dr Cullen calls Typho-Mania - Caustics would be better on account of being more stimulating - Intoxication has cured some cases of Manalgia - exciting a febrile action by any means has done good - Nature sometimes cures Mania by exciting Diarrhea this directs morbid excitement from the brain and often does good - the stimulating passions should be

whose cold water is very
 potent against the febrile
 in the heat of the burning
 in the evening. In the
 putting them under the sheet
 tablet sheet and think that
 enough. I have seen a great
 of some cure. However
 the phlegm is much removed
 by J. White's - which is good.
 have seen it to be recommended
 to the children - It is a
 useful in what I call the
 phlegm - Brown - (Coughs) much
 better in account of being more
 comfortable - I have seen
 more cases of Phlegm - which
 is a great relief by any means
 the good - It is a
 good means for getting rid of
 the phlegm in the children
 the same, and after that
 the stimulating property should be

excited, as anger, terror &c. —
 music should be used — the
 tunes should be gay — Caustics
 are beneficial in Manalgia —
 they act by revulsion and by exci-
 -ting great pain — large abscesses
 have cured this disease — the ex-
 -citement of domestic affections is
 serviceable in Manalgia — Exercise
 of different kinds as swinging,
 riding on horseback &c. is useful —
 digging in a garden is a pleasant
 and popular remedy for men —
 washing, ironing and spinning
 for women — Confinement is not
 very necessary — Salivation
 should not be neglected in this
 state of madness — it should be
 used to remove obstructions —
 persons who have been mute,
 speak as soon as the mercury
 touches the mouth —

I have advised the introduction
 of tools into our hospital for the
 use of the maniacs according to
 their different trades - they should
 be overlooked by a careful su-
 perintendent and their labors be
 rewarded with small presents -
 Cleanliness must be attended to -
 The nitrous oxide Gas has been
 used but it produced no ma-
 terial effects - a machine called
 a gyration is useful - it was in-
 vented by Dr J. or. Cox of London -
 It induces vertigo by its rotatory
 motion - it has increased ^{the} pulse
 from 104 to 150 in 2 minutes -
 remove all the remote & exciting
 causes of disease - continue agreeable
 employment for persons disposed
 to madness - hospitals afford
 very few mental remedies -
 Unhappiness is removed by

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pleasing amusements - Calm
has been very serviceable in
Manalgia - I have known a
Gentleman cured by haying -
Patients should be carefully
watched in Convalescence - at
this time they frequently destroy
themselves -

Madness was once considered an
incurable disease, but it is no
more ^{so} ^{than} disease of the liver - pa-
- tients have been cured in our
Hospital in the lowest grade
of Mania -

Derangement of the Will
consists in acts of an involuntary
nature - it is a Tetanus of the
will - the will sometimes acts
without motives and by an invol-
- untary power - persons thus af-
- fected disclose secrets - the will
becomes in some cases paralytic -
all the operations of the will



are performed in an irregular manner — this derangement shows itself in actions of anger, as murders &c. it leads to acts of the greatest cruelty first on the person himself — then on relations and always without malice or a desire to escape law and justice — Sometimes the patient becomes attached to strong drink — the remedies for this should be chiefly moral — it is an original disease of the body — Salivation has cured it by suspending the habit of drinking — sense of a shame has cured it in a feeble state — It sometimes affects persons by leading them to tell lies continually — persons thus affected cannot tell the same story twice alike — the false stories are not calculated to injure any but the patient himself — it becomes involuntary by habit — its remedy is fear — it must be attacked in the forming state,

The purpose of this paper is to
 present a summary of the
 results of the investigation
 conducted by the author
 during the past year.
 The first part of the paper
 deals with the general
 principles of the subject.
 The second part describes
 the methods used in the
 investigation.
 The third part presents
 the results of the
 investigation.
 The fourth part discusses
 the significance of the
 results.
 The fifth part contains
 conclusions and
 suggestions for further
 research.

else it is inevitable — 275

The remedies for this disease should be blood letting &c. — the top of the skull must be treated by the remedies proper for *Mandragora*

There is a disease called Delirium — this consists in false and unrelated perceptions — ideas collected without order; frequently constitute this disease — the mind of the patient is, as it were, floating in a balloon — Lavater was affected with this disease — he wrote correctly but his conversation exhibited a succession of false and unrelated associations — he was, say, 50 years of age, a flighty, good natured, necessitous man — the remedies for it are Bleeding, low diet, purging &c.

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Lops of Memory - it is attended
with an oblivion of all names and
vocables - there is an oblivion of
names in the usual language,
but patients speak the names
in foreign languages - Dr Johnson
when dying could repeat the
Lord's prayer, only in Latin -
Dr Sandella an Italian Physician,
spoke several languages with facility -
when sick he could speak one
language only - and at his near to
death, he could speak only in his
native language - there is some-
times an oblivion of the sounds of
words but the letters are recollected -
there is sometimes an oblivion of the
mode of spelling the most common
words - I have met with as pre-
ceding an attack of Palsy - there
is sometimes an oblivion of the
qualities and numbers of the

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Most familiar Substances 279

I knew a gentleman who could not recollect whether there were two arteries or but one in the umbilical cord until he associated in his mind the two a's in the name of Boerhaave — I knew a man who could never tell the difference between a jip and a petcher — the oblivion of many objects is owing to the memory being over stimulated — objects of knowledge sleep in the memory or are entirely forgotten — some persons can write only the initials of their names — the late Dr. Morgan lost all ideas of numbers and of the lapse of time — there is sometimes an oblivion of most important events — sense of pain is said to attend a loss of memory, involuntary flow of urine, disposition to weep &c — the causes of defect of memory

are corporeal as intemperance
in eating and drinking - it was from
the effects of hard drinking that an
old Spanish law arose, which re-
fused the testimony of any man
habitually addicted to intemperance
oppressing the memory in youth with
words weakens it - fevers of a
malignant kind - vertigo, epilepsy,
Palsy, lesions of the brain -
digging up of old sores - intempe-
rance in the use of Snuff -

The mental causes are grief,
terror, application to difficult
subjects - neglect in the exercise of
the memory - cessation from study.
The remedies are corporeal and
mental - 1st avoid all the exciting
causes - the memory is strength-
-ened by close attention and fre-
-quent repetition of what we wish
to remember - this is illustrated by
the fact of a printer learning

the fact of a printer's error
 is not sufficient to show
 that the copy is not
 a fair copy of the
 original. The fact of a
 printer's error is not
 sufficient to show that
 the copy is not a fair
 copy of the original. The
 fact of a printer's error
 is not sufficient to show
 that the copy is not a
 fair copy of the original.

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the whole of the Bible by setting
types for printing it — calling
in the aid of two or more senses assists
the memory — the eyes help the ears
and the latter the former — memory
is influenced by association — by
thinking on useful subjects only —
it is improved by use —
some persons cannot answer a
question unless they repeat that
question themselves — here the
memory requires two knots,
one by the person who asks the
other by him who answers the
question — filling the mind exclu-
sively with useful knowledge
improves the memory — Dr Johnson
remembered most things he heard —
he said he recollected all that Sir
Joshua Reynolds said, but forgot
all that Dr — — said, because
he knew the latter to be a notorious
liar — the memory is sometimes
improved by shutting the eyes —

Singing aids the memory - reading
 what we wish to remember before
 going to bed - the physical reme-
 -dies are, abstracting the exciting
 causes - bleeding, purging and
 then blisters to the lower extrem-
 -ities - issues to the arm - aromat-
 -ics - essences are useful - lavender,
 rosemary - cold bath and cold
 weather - the latter revives the mem-
 -ory of Milton - a trotting horse is
 recommended by Pope to excite
 dormant ideas - this is an excel-
 -lent remedy - the stimulus of fever
 often rouses the memory -

Idiocy consists in a total absence
 of understanding and memory -
 sometimes the passions appear to be
 totally absent, but some of them are
 active, as the passion of love -
 the will appears to be paralytic -
 sometimes the patient speaks but
 sometimes he is mute - Idiots are
 generally harmless but morn & their

they are very mischievous —
 It is often attended with a rolling of
 the tongue and Stobbering — patients
 seem to have no knowledge of parents —
 the venereal appetite is violent —
 onanism is committed — such patients
 are long lived — it is sometimes a con-
 -genial disease — here the Skull is less
 than in Maniacs — the bones are
 preternaturally thick — it is often
 induced by the causes which induce
 Mania — it may follow protracted
 Mania — it is an atrophy of the
 brain and is sometimes attended
 with partial paralysis — it occurs
 sometimes in old age — the cure has
 been effected by Nature, time and
 accidents — Consumption has re-
 -lieved it, so have burns and falls,
 but it returns after these diseases
 cease — excitement of great pain
 relieves it — Chalybeates are useful —
 the warm and Cold bath after

depletion by low diet —

Powerful tonics may be of great service in Fatuity — the temporary fatuity of fevers ceases spontaneously — let the patient read simple but entertaining books when the disease is moderated — Fatuity of old age ~~may~~ cannot be cured, but it may be prevented by attending to the improvement of the mind in youth — The moral faculties when well cultivated never partake of the decay of the intellectual faculties —

Diseases of the Passions, as love, anger, fear &c. — Good health is friendly to the government of the passions — this is evident in our Indians —

The passions are as contagious as the small pox and measles — the cultivation of the understanding influences the passions —

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Love in excess constitutes a
form of disease - this passion was
implanted in the human breast
for the purpose of bringing the
sexes together - the symptoms
of unsuccessful love are dyspep-
sia, Mania &c - this disease is
attended with a blush of the face,
a predilection for solitude and
midnight - when love is unsuc-
cessful it produces many diseases -
it affects both sexes and all ages -
the remedies for unsuccessful love
are bleeding and blistering - the
company of the person beloved should
be avoided - one advises a change
of mistresses - travelling should be
advised - absence has been justly
styled, the tomb of love; attempt
to extinguish hope - as Hope and
love are born together, says poor
Quixotte, they can only die together -
excite a more powerful passion in the
mind as ambition, resentment &c.

Grief produces many diseases. The acute symptoms are syncope, asphyxia, apoplexy &c. in chronic grief the ventricles of the heart have been found ruptured - hence the phrase is correct, "a Broken heart." intense grief discovers itself in tears, wakefulness attends it - The remedies are 1st Silence - this abstracts the anguish of grief - opium is used in conversation on the subject of bereavements is sometimes proper - it is very proper to visit the friends of patients we have lost - thus we gain the friendships of surviving relatives - Grave yards in a city are improper - the Chinese bury their dead out of the city and the Russian funerals are after dark - It is improper for near relations to walk to the grave with the corpse - the mind when under the first impression of this passion, resembles an

inflamed joint in acute Rheumatism - it cannot bear to be touched - if the grief be great, give opium - if fever occurs, use the proper remedies for the disease - Anger is injurious when in excess - it was implanted in man for wise purposes - it appears in foaming at the mouth, with much speaking or total silence - stamping with the feet - bleeding at the nose and even death - anger has been called by one of the poets, "a fit of madness" - hunger should be avoided, also thirst, for both predispose to anger - The remedies for this are religious, moral and physical - oppose to anger, other passions which tend to destroy it - a bucket of cold water dashed on a patient has cured him of anger -

influence upon the mind is
 mistaken - it cannot be so
 treated - if the mind is
 the proper vehicle for the
higher is influenced by the
 lower faculties - it appears
 forming at the moment, and
 much depending on the state
 of the mind and even the
 organs for the control of the
 the body, a fit of madness -
 higher should be avoided, and
 that for both faculties to
 organs - the reason for the
 religious, moral and political
 organs to organs, other persons
 which that the history of
 bracket of cold water bath
 a portrait for the mind

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a draught of cold water has
cured this disease - milk and
vegetable diet - opiates -

Fear was wisely implanted in
the human breast - the objects of
fear are reasonable and unreason-
able - to the first belong sickness,
and death - to the second, ghosts
&c &c - excess of fear has induced
bloody sweat, death &c - it may
produce diarrhoea, aphonia,
asphyxia, apoplexy &c - fear has
caused the hair to stand "on end";
it has changed its color to grey &
has sometimes caused it to fall
from the head - its remedies are
moral, rational and physical -
frequent meditation on sickness &
death drives away the fear of death -
constant employment obviates fear -
fear is often prevented by company
in hours of exposure -

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all men die courageously, who die in
company — Mr Paschale says it is
less distressing to die than to think
of death — music suspends the
fear of death — noise dissipates
fear — opium lessens the fear of
death — the fear of darkness is
overcome by proper modes of
education — this is done by making
children go to bed in the dark —
the fear of surgical operations is
diminished by opium — so is fear of
speaking in public — Soldiers
become brave by thinking of the
battles in which they have been
engaged — Mr Hunter always
took 30 drops of laudanum before
lecturing to his class — creating
countercurrent motives in the mind
overcomes fear — a horse will not
fly from a drum after having
been ~~in~~ it from a tub placed on it.

Joy is sometimes immoderate - it has occasioned thirst - pain in the region of the heart - during the paroxysm of excessive joy, a new passion should be excited - perhaps the sedative action of cold water would have a good effect - also the stimulus of pain -

Laughter in excess has induced death in two instances - its cure is fear &c - fatal hemoptysis has attended it - affusions of cold water have cured it -

Envy and Malice were infused into the mind of man, by the apple which Satan put into the hand of Eve - They are unfriendly to health - malice is protracted revenge - they are deep seated in the mind - they produce tremors in the body - they can be cured only by reason and religion -

Lust in excess is injurious to health — it was implanted in our nature for the propagation of our species — when violent it produces Onanism — furor uterinus — Seminal weakness, disease of the bladder, Epilepsy &c — it is produced by intemperance of all kinds — indolence and sedentary life induce it — lameness and Gout produce it. Remedies for excessive lust should be matrimony[†] if this be impracticable[†] use low diet — the priests use no salt in their diet — use labor and constant exercise — long Journeys on horseback are adapted to our sex only — hunting weakens the venereal appetite in our Indians — keeping company with decent, respectable women — Castor oil was ~~said~~ supposed to weaken

304 His disease—also Camphor—
perhaps the cold bath might be
useful—close applicatⁿ to the
as in Mathematics has lessened
the venereal appetite—the do-
minion of some active passion lessens
the passion of lust—salivation
has been useful in this disease—
it acts by diverting excitement—
certain tones have been of service—
the venereal appetite is restrained
by abstaining from obscene books
and company—

Diseases of the Moral Faculty.

Each vice has its remedies, moral &
physical—Bunyan happily says an
idle man's brain is the devil's work-
shop—vice in the mind like disease
in the body is an evil—

Dreaming is a disease—its
causes are physical—as too much eating
and drinking—an unusual position
of the head in bed—

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Tight clothes have induced it -
urine in the bladder and feces
in the rectum - The mental
causes are passion - difficult
studies &c - the abstraction of
different stimuli occasion dreams -
also a want of usual drinks -
their remedies are bleeding,
purgings, low diet, when attended
with plethora - Mr Stewart never
dreamt while he lived on a diet
exclusively vegetable - when dreams
are occasioned by want of stimuli
a drink of porter, dose of opium &c
cure it - avoid all the exciting
causes - gentle exercise - somnambulists
have been cured by depletion
Incubus is caused by stagnation
of blood in the brain, lungs, heat &c -
it is less sleep more profound
than natural - its remedies are
the same as for dreams -
never sleep on the back -

365
Phantasms are false appear-
ances to the Senses and mind -
people fancy that they see them-
selves - that they hear people calling
them - these phantasms indicate
approaching disease - Some people
^{consider} them premonitions of death - they
are ~~not~~ the Causes and not the pre-
monitions - Phantasms are dreams
in a waking state - the objects to
be seen or heard are never seen nor
heard by two persons near the pa-
tient - hence they must be seated
in the man's own brain - The cause
is bleeding, purging, low diet &c
Absence of Mind is a disease -
It is owing to the impressions of
absent objects being so powerful
as to overcome the impression of
present objects - The mind is some-
times decaying or insensible to objects
around - The first exists insensible

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men, the latter in men of weak
minds - it may be cured by ab-
stinence, low diet, rest in the
neck -

In a France the whole body
is, as it were, dead, excepting that
part of the brain in which the
mind is seated - the mind is
very active - long duration
of warmth, sweats, discharge of
urine and feces, absence of
stiffness in the limbs, also the
appearance of vapor on a looking
glass placed over the mouth, dis-
tinguish this from actual death -
always delay interment until
the body has made some ad-
vancement towards putrefaction -
the body should be kept warm,
frictions used, air thrown into
the lungs &c -

Syncope or Fainting depends on a diminution of the motions of the heart — it is attended with cold sweat — the recovery is attended with anxiety, vomiting, sense of languor, dimness of sight — suspension of the animal functions — weak pulse — It affects women more than men — it does not necessarily shorten life — it may be induced by aneurisms, polypus, ossification of the heart & profuse hemorrhage — great inanition has produced it — great emotions or strong passions — pains, disagreeable sights and smells — offensive matters in the stomach — drinking cold water — certain antipathies to things not naturally agreeable, also a recumbent posture of the body —

The Remedies are fresh air -
 stimuli to the nose & Vol. Alkali;
 Blunt feathers - toe pin - clysters,
 cataplasm of mustard - cold
 water thrown in the face - when
 induced by heat, use warm water -
 it may be obviated by the use
 of the cold bath - also by ac-
 -quiring a habit of resisting the
 causes that produce Syncope -

Asphyxia consists in such
 an absence of motion as to re-
 -semble death - it is attended
 with a total suspension of the
 actions of the mind and body -
 animals that hibernate in winter
 are subject to Asphyxia -
 persons after recovery recollect
 nothing that occurred during the
 continuance of this disease -

Its causes are violent emotions
 or passions—offensive matters in
 the Stomach—intense cold, fitted
 air—intoxication—the remedies
 should differ according to the causes.
 The body should be placed in
 an easy situation and ligatures
 should be removed from all parts of
 the body—Linnæus revived his
 still born daughter by blowing into
 the lungs—When brought on by
 drowning, use frictions, pipe to
 the lungs—dephlogisticated air
 has been said to cure it—the body
 sinks after drowning and rises again
 by a change in Spec. Gravity—
 use gentle Stimuli according to
 circumstances—Laud hallowing
 has revived patients with Asphyxia—
 strong odors have been used—
 water dropt from a great so as to

Fall on the upper lip has revived
 departing life— an old woman
 was revived by her lap dog
 jumping into her coffin and lick-
 ing her lip— pinching the skin
 has effected a cure— here prob-
 -ably the muscles were the last
 retreat of departing life—
 it would be advisable to cut
 the flesh in some cases— apply
 stimuli to the wind pipe—
 Drop Brandy into the trachea—
 I have seen asphyxia cured by
 putting patients under a pump
 and then pumping on them—
 the signs of death are clammy
 skin— relaxed sphincter ani—
Absence of the Pupils—
 persons affected with this neither
 hate nor love— they have neither

attachments nor aversions —
 the remedies are various — pain
 has relieved it — salivation has
 cured it — here, gentlemen, we
 finish the history of the mind —
 I feel as if I had been sailing
 in a balloon — whether or no I
 have descended with sound and
 unshattered limbs, you are to deter-
 mine —

Diseases & Disorders of the Organs of Speech —

Hoarseness is troublesome — it is induced
 by tumors in the trachea, ulcers,
 tracheal consumption, absence of
 mucus in the trachea — it occurs in
 hard drinkers — I have known it to
 exist for many years — it some-
 times goes and comes again suddenly —
 its remedies when local are opening
 the tumors — salivation, bleeding
 from the arm — leeches, blisters &c.

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the trachea — emetics — tonics for
a want of tone in the glottis —
salivation often cures it — vapor of
Horse radish &c. catarrh has cured
hoarseness —

Stuttering is a convulsive motion
of the muscles of the glottis, lips
&c. — it is congenial or acquired —
it is labial, guttural, or lingual —
Sometimes the disease occupies
every part of the organs of speech —
tonics have cured this disease —

it may be suspended at any
time by singing, laughing or crying —
a son of Dr Darwin was cured by
sending him abroad to learn French —
Dr Darwin spoke fluently when
drunk, but stuttered when sober —
slowness of speech has cured this
disease —

Diseases of the Urinary Organs

I have known a stone to be cut out of the bladder of a horse, as large as a 12th Shot - Some nations are more affected with calculi than others - Some waters are more disposed to produce it than others - those which deposit most earth are generally most liable to produce calculi - Calculi appear in all the viscera - they are produced by the deposition of calcareous matter - women are less subject to calculi than men owing to the shortness of their urethra - it is more common in early than in middle life - the greatest number of cases are at the 6th & 7th year of life - acid drinks certainly predispose to calculi - it is a hereditary disease - the remote causes are abrasion of

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the mucous membrane of the bladder —
Hard riding induces them — also
long standing — also the long
retention of urine in the bladder —
this was the case with Dr Franklin
Well fermented liquors seldom induce
calculi — I assisted Dr Physick in
cutting a stone from a young man
whose father, grandfather, uncle
and granduncle were all affected
with it — Sir Isaac Newton
died of this disease — his leather chair
was eroded by the escape of the urine
from his bladder — it is now kept
as a curiosity in the Royal Society
of London — Studious men who forget
to discharge their urine are affected with
this disease — lying on the back tends
to produce Calculi — old people and
children owe their calculi to the
same cause — imperfect discharge
of urine in a lying posture tends
to produce this disease —

316 Old people should discharge
the last drop of their urine - gravel
in the kidneys occasions sickness,
vomiting, colic, suppression of urine -
exquisite pain - frequent desires to
make water - the stones when small
are discharged with pain - when large,
they bring on ulcers, schirrus, cancer,
death - A schirrus of the prostate
gland is known by pain in discharging
urine - increase of pain from hard riding
this disease sometimes counterfeits cal-
culous pains - the most exquisite pains
are excited by the slightest impressions -
in patients, with calculi, the whole
system is agonised - I refer you to
Johnson's Animal Chemistry - the reme-
dies for relieving a paroxysm are bleeding,
vomits, injections, lenient purges, warm
bath, demulcents - laudanum -
draw off the urine with a Catheter -
apply bruised onions to the pubes -
a fit of the gravel belongs as much
to the Unity of Disease, as a Pleurisy

Bloodletting is necessary in the
forming state of a fist -

Medicines for preventing a
return of the disease are various -
Uva Ursi - Soap - lime water -
Carbonic acid - caustic alkali -
alkaline Salts prevent the increase
of calculi - acids and Uva Ursi
act as tonics - Tea made of
wild carrots has been used in Calculi -
The alkaline Salts are said to act by
neutralising the acid of the Stone &
thus ~~render~~ rendering the latter solu-
ble - the read of a man who carried
a stone 50 years about him without
much pain - Injections have been
used for the removal of stone -
as Gastric Juice, lime water &
Cold bath and frictions relieve the
pains of calculi - so do gentle
exercises that bend the body a little -
especially such as act on the
Kidneys -

378 The great secret of curing this disease is to use the remedies when the disease is least felt - and to use them for a great length of time - Drink large quantities of pure water, green tea, diet of Sugar is used - blackberry jam - avoid all exciting causes - cold should be guarded against - acid aliment, costiveness, hard riding &c. should be carefully avoided -

Colic is known by prevailing during the existence of Bilious fevers - this is the Intermittent Colic - it is seated in the ^{great} ~~upper~~ bowels - the arterial system is but little affected - this colic is seated chiefly in the nervous and muscular fibres of the Intestines - this is attended with vomiting - retraction of the abdomen - twisting at the umbilicus - suppression of urine - tenesmus &c. - dissection shows it to arise from paralysis of the Colon -

Gutta serena has attended this disease — Its causes are certain aliments as unripe fruit — stones of fruit — raw vegetables — sour milk — acescent liquors — unfermented liquors of all kinds — cyder — onions — low wines — it is induced by fumes of lead, disease of contiguous parts — also by deranged state of the bowels from rupture, intussusceptio & costiveness — cold, fatigue — wet feet — passions of the mind — tight shoes induce it — dissections show no marks of inflammation — or sometimes great inflammatory signs — adhesions — intussusceptio — stricture — spasm of the bowels producing scybala — knot in the intestines — water in the brain — mortification —

The premonitory signs are cold feet flatulency &c — here a purge is very serviceable —

Ten drops of Laudanum have cured this disease — riding a few miles on horseback has prevented it — the remedies in a paroxysm are bleeding even though the pulse does not call for it — Bleed to prevent fever and bleed to prevent death even though the pulse be not tense — If bleeding facilitates the reduction of a dislocated bone and assist parturition, why not relieve Colic — Bleed copiously — disregard the pulse — give small and repeated doses of opium — combine assafoetida with opium — this prevents palsy of the limbs, haddock tea made of the seeds of Burdock — Laxatives, as salts, Crem. Tart, Castor oil, Jalap &c after the pulse is reduced — clysters with turpentine in them — from a quart to a half gallon of warm water may be injected — The smoke of Tobacco is a good Injection — It has been cured by drinking a quart of cold water — this was merely by distention —

I have used injections of colic 321
water with advantage - recollect the
grades of sensibility of the stomach,
skin & bowels - the warm bath and
blisters may be used - relaxing stim-
ulants to the bowels - mustard plasters
to the ankles and feet give great relief -
salivation - a discharge of wind down-
wards is a favorable symptom -
plentiful discharge of urine - discharge
of seybala - gentle sweat - discharge
of worms - sensibility of the skin -
diarrhoea is a certain sign of relief -
it often terminates in palsy of lower
extremities -

The Preventatives are avoiding cos-
tiveness &c - an excellent medicine is
Crem. Tart, Salt Tart & Soluble
Tart an of each a tea spoonful -
a diet of fat aliment as pork,
prevents it - also warm dresses -
regular exercise on horseback -
the Egyptian belt or a ligature
round the belly -

Diarrhoea — the stools in the disease are different in color — they are sometimes water — sometimes pus and blood is discharged — it is induced from various causes — its remedies when attended with full pulse are 1.^o Bleeding — purges, opiates — Dover's powder is a good remedy —

R Gum Kino — Gallarum an. $\frac{3}{4}$ lb
 Cinnamon $\frac{3}{4}$ lb Aqua pint 1 —
 boil to a pint — mix sugar with it
 to form a Syrup — this is a good
 medicine — toasted bread — biscuit —
 rice boiled — milk — few ounces
 of plum boiled in a rag a few
 hours and made into a gruel —
 if green stools attend, give animal
 food and cordials of various kinds —
 when morbid acrimony exists in the
 bowels use demulcent drinks —

diet of milk has cured this disease -
 blisters often cure in a few days -
 apply them alternately to the
 legs and bowels - recollect the
 observation formerly mentioned
 that the skin and bowels are as
 it were antagonist muscles -
 R^o Ipecacuanha 3j - Laudanum
 50 drops - Water gills ij - throw
 this up the bowels 2 or 3 times a day -
 salivation has cured - cold bath
 also - change of residence - sea
 voyages - exciting the action of the
 arterial system has relieved and
 cured it - warm dresses - bandages
 to the bowels - avoid all the ex-
 citing causes of disease - it is
 favorable when feces are dis-
 charged before wind and vice
 versa -

Costiveness is a relative term -
 it is not always injurious -
 but most people require one

Stool a day — the absence of this is attended with headache, pain &c. — the causes are certain aliments as cheese — drinks as wines, sudden change in diet — sedentary life — negligence — certain dresses obstructing perspiration — riding on horseback — Costiveness often produces disease — I have known Consumption induced by it — Inguinal rupture has been occasioned by it — The remedies are visiting a privy every day — rise early in the morning — use close stool in a warm room in winter — gently laxative diet — bread made of Indian Meal — equal parts of wheat and Indian Meal — roasted apples purge some persons — Sulphur, Chubuck Magnesia — Clysters —

Chorea Sancti Viti occurs between the 10th and 15th year — it affects the legs and arms chiefly — I saw it in a woman of 70 — it is often confined

to the fingers as in teachers - females
have it most - it is attended with
ludicrous gestures - it may arise
from worms - its remedies are bleed-
-ing - metallic tonics - Sulph.
Zinc. Solves Linci - Bark, Sal-
-ivation - Exercise - cold bath -

Hiccup is a convulsive motion
of the Diaphragm - it is often
produced by diseased stomach and
liver - laughing excites it also
disease of the stomach - when it
attends fevers, use the remedies for
fevers - Laudanum has cured it -
when local use fear & joy cures it
silence - a draught of water -
salivation relieves it - mine swal-
-lows of water are said to cure it -

Cramp occurs most in the lower
limbs - it is sometimes a symptom
of Cholera morbus - it occurs in the
legs during sleep - in pregnancy it
affects the abdomen -

326 Its remedies in pregnancy are bleeding to the amount of 100 ounces - cold has cured it - when it occurs in the lower extremities in sleep, rise out of bed - squeeze rolls of Sulphur in the hand - it comes most often during the night - this is owing to relaxation of muscles and abstraction of excitement - severe frictions & tight ligatures -

Tetanus - all the causes producing this, act by inducing debility in the muscular system - wounds are the most frequent cause of this disease - it was supposed formerly to be occasioned by a wounded nerve - wounds in the soles of the feet and palms of the hands - fractures, amputations - gun shot wounds induce it - castration - wounds of the tongue - frosted toes induce it - stamping the toe - cutting a nail or corn too closely - tight shoes have occasioned Tetanus -

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walking too soon on a broken limb—
cutting the nails of new born infants—
the lapse of time between the occur-
-rence of accidents and the attack of
the disease varies from 5 days to
6 weeks— in some cases, a moderate
degree of inflammation takes
place— but often no inflammation
Tetanus most frequently occurs in
warm weather— wounds in the
hands and feet being less liable to
inflame, are more frequently followed
by Tetanus than any other wounds—
cold has produced the disease, also
wounds— poisonous vegetables have
induced it, as stramonium— the
opax induces it in all dumb
animals— it sometimes follows the
bite of a rattle snake— drunkenness
has induced it— Grief has produced
it also parturition— it is mostly
confined to the muscles— hence it is
most frequently mortal—

It is no odds what cause induces the disease - it must be cured by the same remedies in all causes - the muscles of the lower jaw are first affected - the negroes of the West Indies are more affected with this disease than the whites - new born infants are sometimes affected with it - it affects $\frac{1}{10}^{\text{th}}$ ^{at} of the black children in the West Indies - but it very seldom affects the whites - it is caused in children by cutting the navel string with a dull knife - Tetanus sometimes affects horses - opium has long been considered its antidote and has been given as a sedative - if it had been given as a stimulant others would have been used - the symptoms are stiffness of the limbs, neck &c - costiveness - in this state use the warm bath - when from a wound, it must be

irritated by o. ft. Turpentine
 strong ley, corrosive sublimate-
 common salt - Spanish flies -
 the blood vessels are in a state of
 reduced excitement - the blood is
 dissolved by the feeble action of
 the vessels - this takes place also
 in Typhus - the pulse is extremely
 feeble - by stimulating the wound
 you excite the blood vessels and
 produce inflammation in the
 wounded part - I have cured three
 persons in the year 1803 - I have
 seen the tongue locked and the
 jaw loose - I have cured it by
 an emetic and by a dose of Bark -
 the latter was in Petanus from In-
 -termittent - when from Malignant
 fever, use the remedies proper for
 such fever - when from cold, the
 warm bath is useful - when
 from worms, use purges -

330 - Sometimes it is necessary to open
the jaws by means of an Instrument
opium, wine, and antispasmodic spirits &c have
cured Tetanus - Bark has been
used - Cold bath has been used
with success in West Indies -
discontinue it when fever comes
on - Inflaming the wound does
not effect a cure in the West Indies
nor does cold water cure in the
East Indies - the warm bath has
often been used with success - Ol-
Succini has done good - Calivation,
Bark and Wine have cured it -
Electricity has done good - the medicines
should be given in large doses and in
rotation - the doses should be often
repeated - plunging in a river has
cured this disease - what would be
the effects of copious bleeding in
this disease? When from Gout, bleeding
is indicated - what would be the

effect of extreme cold? J^{ns} Hunter
 said if he were affected with it, he
 would fly to an Ice house or to
 Nova Zembla — What would be the
 effect of counteraction in the sto-
 mach? What would be the effect
 of inducing apparent death by
 inhaling Carb. acid. gas? What
 would be the effect of tight ban-
 dages on all parts of the body
 except the thorax? Frictions have
 cured it in horses — blisters to the
 whole body might be useful —
 bandages have been used in Hysteria
 with success — Dr Physick sup-
 poses death to take place from
 spasm on the glottis, but I
 believe the spasm extends to the
 muscles of ~~inflammation~~
 respiration —

Strabismus is a disease of the eyes - it affects one or both eyes - it may be avoided by not looking sideways - Nictilopia is blindness by night - Amiaurosis depends on paralysis of the optic nerve - remedies are bleeding, purging, salivation &c. Hot coffee, spirit of wine

Means of lessening the pains of death -

These belong to the Physicians profession - where the pains are violent, use bleeding - this relieves pain, prevents coma & lessens sensibility - ~~bleeding by~~ blisters by exciting pain in parts not affected relieve the pains of tender and vital parts - where the pain depends

on remaining excitability, use
 opium — this acts on every part of
 the body — it equalises excitement —
 give it in small doses — cordial,
 drinks &c. indulge the appetite —
 the warm bath acts like opium
 in equalising excitement — the
 application of sweet oil to dif-
 ferent parts of the body — this
 relieves the pains of disease — the
 pains of death are often relieved
 by a change of position from the
 side to the back — give drink to
 dying patients in a recumbent
 posture — wrap the hands and feet
 in warm flannels — this abstracts
~~the~~ accumulated excitement from
 vital parts — friction — cool
 water in great thirst —

Drink, drink was one of the last
 cries of the dying Lord Nelson —
 patients in their last hours
 should never be left alone —

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Man is naturally a timid animal, but his courage is increased by company - hope of recovery should never be extracted from a patient - dying persons should be supported by the consolations of Christianity -

Finis

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2

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2. 10. 11

B

Beer made of Porter &c

Take one bottle of Porter - mix it with 8 or 10 of water - tbs of Sugar or 8 3 of Molasses - add a little Ginger - put all the articles into a bucket and in 24 hours you may bottle for use -

Alum Whey is made by boiling 3ij of alum in a pint of Cowd milk - the curd separates and the whey may be made agreeable with Sugar &c — Barton —

Coagulum Aluminis

is made by agitating the white of an egg with a small piece of alum - the coagulum is used in ophthalmia — Barton
P

Diet for Invalids

Indian meal and wheat flour, equal parts made into Bread is the best diet for invalids —

Crusts of Apple Dumplings for invalids are best when made with potatoes boiled and mixed into a paste with flour, without the addition of water; the potatoes contain moisture enough this digests easily and agrees with the stomach.

Indian Corn ~~pot~~ roasted and grated into milk or Cream, with a little ~~butter~~ butter and salt, makes a good diet —

Tobacco Decoction

R Tobacco leaves ℥i
aque bullient. ℥tj
mixe et cola et adde
Spt. Vini ℥ij — dose 15
drops for an adult —
used in Dropsy
Boston

Gruel

a pleasant gruel may be made by boiling the fine meal of corn in milk and adding lime juice -

Bread

of a good and agreeable quality is made by mixing powdered rice and wheat flour -

Sowings

This is made by infusing oatmeal in water - then evaporating -

The residuum is sour and may be sweetened for use with sugar -

Esence of Beef

Take lbs of beef cut into small pieces - put it into a porter bottle and cork it - then place the bottle in boiling water for an hour - one gill of esence is thus obtained -

alms House
Practice.

Wine Whey

Is most commonly made with about 2 gills of wine, added to a quart of milk and one of boiling water - but the best method is to boil $\frac{1}{2}$ pint of milk and then add 1 gill of wine - Separate the curd and lower the whey with water and sweeten it as may be agreeable.
Jameson.

Wine Whey

Pour a gill or more of wine into a quart of boiling milk - let the curd separate - when cool pour it on a gauze or fine muslin filtre and the liquor, if pure, will pass transparent - the filtration must go on spontaneously - the liquor thus filtered may be rendered palatable with aromatics &c -
Barton

Rusks Rennet-Whey.

Take one Rennet or Calfs Stomach cut it into small pieces - infuse it in a bottle of good old wine - one or two table spoonful of this will turn a quart of milk - this is convenient and should always be at hand.

Rusks Vegetable Soup.

Take one onion, three potatoes sliced and one slice of bread - on these, pour three pints of water and let it boil until the ingredients are dissolved. Toast a piece of bread and on this strain the liquor and add a little salt.

Loaf Sugar and Brandy
are ~~it~~ useful in Cough -

Rush's Recipes for Cough

R^x. Sulphur, Elacampane,
aniseed and liquorice root
of each an ounce - ardent
spirit t^{tes} - burn the spirit
a little and add the above in-
gredients, with t^{tes} of Sugar -
Evaporate to the consistence of
syrup - take a table spoonful
occasionally. —

R^x Sulphur, Honey, and
cold drawn oil of each
equal parts - dose a table
spoonful occasionally. —

R^x Lemie juice
Vinegar and Honey
of each equal parts - dose - a
table spoonful occasionally
when the cough is troublesome —

Cough mixture

R^y Hyssop - Horehound,
Lungwort, Clacampane,
of each a handful - boil
these in a gallon of water, till
 $\frac{1}{2}$ a gallon is consumed - add
 $\frac{1}{2}$ lb of Raisins and strain -
then add 3i of digenice t^hp
of Sugar and boil down to
consistence of a Syrup -

R^y Garlic 6 or 8 cloves
boiled in a gill or pint of
malasses make a good Syrup.
the disagreeable smell it may
be somewhat lessened by a few
drops of Oc. mentha.

R^y Rlor. Mustard
wheat flour an 3i in
tea spoonful - Malasses a table
spoonful - An and take this 3
times a day -

Rf. Take 2 table spoonful
molasses 2 or 3 gills - make
of these a Syrup —

Rf. Honey, Linseed oil
of each equal parts —

Rf. Syrup of Horse Radish
made by boiling a few pieces
of Horse Radish in molasses —

In Dysentery Rush.

R^e Creta ʒi - Water ʒ6 - Sal
Soda R^e. Thebaic aa ʒi -
Gum Arabic ʒij - Annamom
water ʒss. Mft Julap -
take a table spoonful every
2 hours -

Dysentery -
R^e Starch ʒi G. Arabic ʒss
Annamom ʒij - Boiling
water ʒviij - boil to 1 quart -

Vomiting in Fever may
be checked by

R^e Farina avena ust cochlea
magna - Succ limonis ʒss Sacch
alb - ʒss ag brilliant ʒss
Mft Kausticum -
another -

R^e Sweet oil
Molasses & Milk of each
equal parts -

For Invalids But

Toast Tea made by pouring
boiling water on toaster
bread

Flour a few ounces,
boiled in a rag, is useful
in dysentery; made up into
a gruel

Mutton Suet Zij boiled
in a quart of Milk - then
add a table spoonful of
Starch and boil again - after
this add sugar enough to
make it agreeable dysentery

Laudanum Zi in a pint
of boiled milk or Starch, is
useful in dysentery after U.S.

Vomiting is checked

by Tarvia Sinapi a tea
spoonful put into a gill of
boiling water — Take $\frac{1}{4}$
of this every 15 minutes till the
vomiting ceases —

Drinks for Invalids

Dried apples, Dried currants
or dried cherries — of either a
handful — pour on them a
pint of boiling water and
sweeten to make it agreeable —

Black Berry Jam a table
spoonful — boiling water a
pint, with a little sugar,
make an agreeable drink —
Rush —

Imperial Drink
Jameson

R^y Cren's Tart Ziij or
Half a lemon
Mellis or Saccharis Zi'
aqua Bulliant 1 quart
Mix and strain —

Apple Tea — Jameson
is made by pouring boiling
water on slices of sour apples
and then sweetening with sugar.

Lemonade is Jameson
made by mixing a small piece
of the outer rind and the juice
of one lemon with a pint
& half of boiling water —
then add two ounces of sugar

In Rush used in Typhus

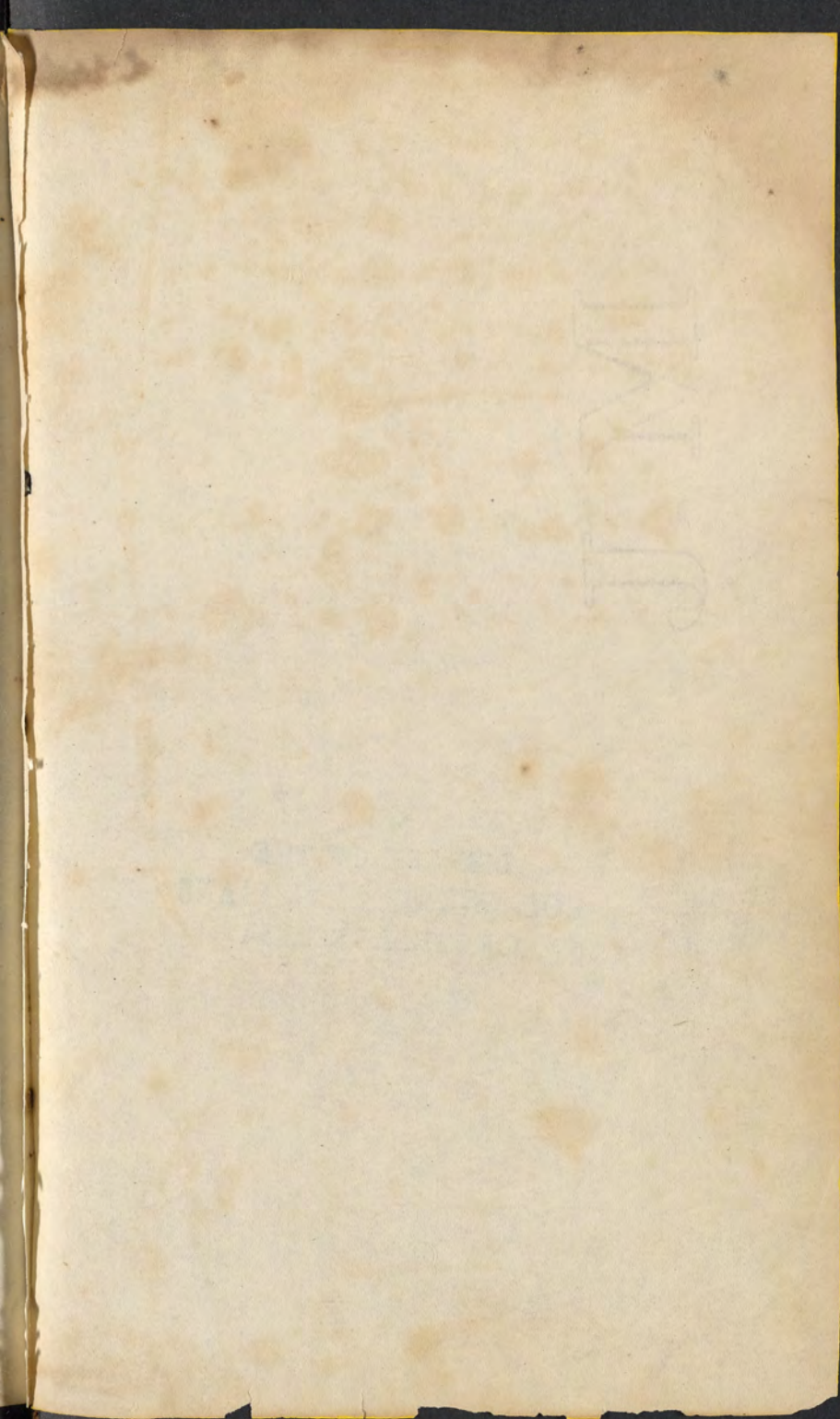
Rp Peruv Cort 3i
Guthams Tinct Bark 3ij
Laudanum 50 drops
aq menthae - 3i -
- Tincti 3vi -
Mft Mt - dose 3ij 5 times a day

In low Nectic

Rp Malt 5 Spoonful -
Brown Sugar 1 do -
Wine - 3 do - Mix -







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